



CARMEL COLLEGE, MALA

Nationally Re-accredited with 'A' grade (Third Cycle)

Thrissur Dt., Kerala- 680732, Ph:04802890247, Fax: 04802890247

E-mail: carmelcollege@rediffmail.com, Website: www.carmelcollegemala.ac.in



Criteria VI

Governance, Leadership and Management

6.5.2 Teaching Learning Review Process

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Academic Audit

Evaluative Report of the Department of Chemistry 2019 – 2020

Basic Details

1. Name of the Department : Chemistry
2. Year of Establishment :1981; B.Sc. Chemistry- 1995
3. Names of Programmes/Courses offered : B.Sc. Chemistry (Regular)
M.Sc. Chemistry (Self Financing)
4. Participation of the department in the courses offered by other departments: Open Course
5. Total Number of Faculty

Associate Professors	Assistant Professors	Govt. Guest	Management Guests	Visiting Professors	Total
1	2	1	3	1	8

6. Faculty Profile with Name, Qualification, Designation and No. years of experience

Sl. No	Name	Qualification	Designation	No. of years of experience
1	Dr.Princy K.G	M.Sc., Ph.D	Associate Professors	24
2	Dr. Roshini K..Thumpakara	M.Sc., Ph.D	Assistant Professor	11
3	Dr.Vidya Francis	M.Sc., Ph.D	Assistant Professor	6
4	Neethu Sunny	M.Sc.	Assistant Professor on contract	4
5	Babu K.J.	M.Sc., M.Phil	Visiting Professors	5
6	Sariga C.D	M.Sc., M Phil, M.A	Assistant Professor on contract	3
7	Tessy Jose	M.Sc	Assistant Professor on contract	2
8	Viswapriya K.P.	M.Sc.	Assistant Professor on contract	1

7. Student Strength

UG Students Details

Class	ST	SC	OBC	General	Physically Challenged	Economically Backward
I B.Sc. Chemistry	0	2	10	9	NIL	20
II B.Sc. Chemistry	2	4	12	13	NIL	30
III B.Sc. Chemistry	0	3	10	24	NIL	37

PG Students Details

Class	ST	SC	OBC	General	Physically Challenged	Economically Backward
I M.Sc. Chemistry			6	9	NIL	
II M.Sc. Chemistry		1	3	7	NIL	

I-Curricular Aspects

1.1 Does the Department start/conduct any skill-developing programme/ Career oriented course/Value –added course/ Certificate course (Each programme carries 2 marks)

Name of the course	Certificate/ Diploma	No. of students enrolled	Duration
Solid Waste management	Certificate	37	1 year

1.2 Field projects /Internships/Industrial Visit /Study tours/ undertaken by the Department during the year (2 marks per activity)

a) Field Project/Internship

Project title	No. of students enrolled	Name of the institution where internship is done	Duration
Project	4	Christ college,irinjalakuda	2 months
Project	6	St. joseph college ,irinjalakuda	2 months

b) Industrial Visit/ Study tour

Sl.No	Industry/ places Visited	Date
1	Arjuna Extracts, Private Ltd, Aluva (Industrial Visit)	21 st January 2020
2	Kodaikanal, Ramakalmedu(Study tour)	23 rd to 25 th October 2019.

1.3 Does the Department conduct teacher evaluation by students through structural format? How feedback is analysed and details of actions taken for the improvement of teaching – learning process?

(Structural feedback – 3, Analysis of Feedback – 5, Action Taken report - 10)

Yes.

Feed back is analysed in the department staff meeting and improvement methods are suggested.

1.4 Does the dept have the mechanism of well planned curriculum delivery and documentation?

Yes

(Teaching Plan and its effective implementation – 5marks)

1.5 Number of faculty members involved in curriculum restructuring /revision/ syllabus development/Question paper setting /external examination. (Below 50% -3, 50% - 80% - 5, 81%-100%- 10)

87%

Sl. No	Activity involved	Number of faculty
1	Question paper setting	1
2	External Examination	7
3	Certificate course – syllabus development	3

1.6 Does the department conduct Bridge Courses for new comers

Yes.

(Teaching plan, syllabus, workload and mark lists should be attached- 5 marks)

2. Teaching – Learning and Evaluation

2.1 Teaching – Learning methods used by Teachers

a. Lecture Yes

b. Project based learning Yes

c. ICT enabled teaching Yes

d. Experiential Learning Yes

e. Online courses Yes

2.2 % of teachers using ICT (Below 50% -2, 50% - 80% - 5, 81%-100%- 10)

No. of teachers on roll	No. of teachers using ICT	ICT tools and resources available	No. of smart class rooms
8	7	Computer, LCD Projector, Internet	3

2.3. Pass% of students for UG 2019-2020(Pass out) and PG 2019-2020 (>90% -10, 75 - 90%-7, 50 - 70% - 5, 40 - 50% - 1)

	No. of students registered	No. of students appeared	No. of students passed in the exam	Pass%
UG	33	33	31	94%
PG	12	12	8	66%

Research, Innovations and Extensions

3.1 Does the dept have ongoing minor/ major projects? (5marks for each Project)

Nil

3.2 Did the dept. receive any grant / fund from agencies like DST, FIST, ICSSR, UGC (other than projects) (05 for each grant)

No

3.3 Did the dept. submit any new proposal for project /seminar to funding agencies during the academic year? (03 per new proposal)

No

3.4 Did the dept. conduct seminar/workshop /conference during the academic year? (International - 5/event, National - 3/event, state/ regional - 1/event)

Title of the seminar/workshop	Date	International/National/ State/Regional	Funding agency
Biomedical polymers and technology-An ecofriendly approach	14/01/2020	National	Management
Pericyclic reactions	16/10/2019	Regional	Department

3.5.a Faculty participation in Seminars/Conferences and Symposia during the year:

(<50%-1, 50%-90% - 5, >90% - 10)

No. of Faculty	International level	National level	State level	Local level
8	3	22	4	

3.5.b. Research Scholars/Students participation in Seminars/Conferences and Symposia during the year: ((<50%-1, 50%-90% - 5, >90% - 10)

National Level Participation

No. of students	National level
108	15+10+108

3.6 Give details of Paper Presentations

3.6.a. Faculty (<50%-1, 50%-90% - 5, >90% - 10)

No. of Faculty	International level	National level	State level	Local level
8		5		

3.6.b - Research Scholars/Students Presented papers in Seminars/Conferences and Symposia during the year:

((<50%-1, 50%-90% - 5, >90% - 10)

No. of students	National level
108	2

3.7 Faculty as Resource Person (Per Faculty – 5 marks)

No. of Faculty as Resource Person	International level	National level	State level	Local level
3				3

3.8. Faculty attended Professional Development Programmes(Orientation/ Refresher /Summer /Winter School/Short term staff training Programmes/ Ongoing FDP/MOOC) (Per Faculty – 5 marks)

FDP/ MOOC -10

3.9. Publications

a) Research Publications in the journals notified on UGC WEBSITE during the year: (5 marks per publication)

No of articles in international Journals: 1

b) Books and Chapters in edited volumes. (5 marks per International publication, 3 marks per National Publication)

Book- 1, International

c) Papers in National/ International Conference Proceedings: (5 marks per publication)

3.10. Collaborations:- for research, guideship, project work (5 per collaborative activity)

a) Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Project Guide	Tessy Jose		1year

b) Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year (5 per linkages)

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participants
Project work	1 st year msc chemistry academic project work	St.josephs college, irinjalakuda	01/04/19 – 31/05/19	6

c) MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year (5 per functional MoUs)

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs

3.11. Awards and Recognition (10 per each awards)

Name of faculty	Name of Award/ Recognition	Instituted by state /Trust/University

3.12. Extension Activity /Outreach Programmes conducted (5 marks per activity/ programme)

Name of the Activity/ programme	No: of students participated	No: of teachers co-ordinated	Place of activity
Training programme	28	1	Kavanad
Swach Bharat Internship	8	1	Mala
Visit to Karuna Bhavan- Old Age Home, Mala	25	2	Karuna Bhavan
Sanitizer making	10	4	Mala, Vellanchira

IV Student Support and Progression

4.1. No. of students participated in NSS events: 1
(University level-2, State level – 5, National level – 7, International Level - 10)

University level	State level	National level	International level
1			

4.2 No. of students participated in NCC events: Nil
(University level-2, State level – 5, National level – 7, International Level - 10)

4.3 No. of students participated in cultural events : Nil
(University level-2, State level – 5, National level – 7, International Level - 10)

State/University Level	
National Level	
International level	

4.4 No. of medals /awards won by students in Sports, Games and events: Nil
(University level-2, State level – 5, National level – 7, International Level - 10)

State/university Level	
National Level	
International level	

4.5 Student Progression: 2019-2020 batch (> 90% -10, 50 -90% - 5, <50 - 3)

Programme	% of students
UG to PG/B. Ed	45
PG to M.Phil/ Ph. D	

4.6 Students qualifying in state/ national/ international level examinations during 2019-20 (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services): (2 marks per student)

No. of students qualified :NET-1; GATE-1

4.7 Capability enhancement and development scheme (2 marks per programme)

[Soft Skills, Language and communication skills, life skill (Yoga , Physical fitness, Health & hygiene) , and ICT computing skills]

Programme	Number of students participated
Soap making	68
Liquid soap	37
Sanitiser	10
Elective Course- Medicinal and environmental Chemistry	37
Seminar presentation using PPT	62
Computational skills- practicals	10
WWS- Enhancement of soft skills	18
Yoga Training	103

4.8 Carrier guidance and competitive examination (5 marks per activity): Nil

4.9 Placement of 2019-2020 (5 marks per placement)

Name of the student	Name of institution where the student is placed	Designation	Mail id of the employer	Salary per year	Phone number of the employer
Anju V P	Aashin film production	-	Anjuumol4molu@gmail.com	-	9526756639
Anila Bastian K	CSB	Back office work	anilabastiank@gmail.com	-	9400800069
Rosemary C F	Aashin film production	-	Rosemarycf1810@gmail.com	-	9446922404
Hashmi Mohan	St. Catherine ICSE School, Vellan chira	Teacher	catherine.laboure@ymail.com		91 7559928949
Stephy K.J.	GIRIVIKAS, Palakkad	Teacher	girivikaspalakkad@gmail.com		04912815589

Aiswarya	Devamatha CMI Public School Patturaickal, Thrissur-	Teacher	office@devamatha.com		0487-2321144
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4.10 Alumni Engagement (5 marks per activity)

- a) No. of alumni enrolled during the year : 30
b) Meeting / Activity organized by the Departmental alumni Association

Date	Nature of activity	Name and address of resource person	No. of Participants	Outcome of activity
17/01/2020	Orientation Programme For Final Year UG Students	Sharanya M P Madras University	37	Motivation For Higher Studies In Central University

V. Governance, Leadership and Management

5.1 Utilization of Moodle Facility (1 – 10marks, 2- 7 marks, 3 – 5 marks, 4 – 1, 5 - 0)

1. Notes, Assignments and Quizzes are given through Moodle regularly
2. Notes and Assignments are shared regularly through moodle
3. Teacher share notes and resources regularly
4. Teacher share notes and resources once in a while
5. Never utilized

5.2 Teachers undergoing /online/face to face faculty programme (FDP) professional Development Programme , Orientation/ Induction Programme / Refresher course , Short term course etc. (90% and above – 10, 50 -90% - 5, <50% - 3) % of faculty undergone FDP = 50%

5.3 Effective functioning of Clubs and Forums (minimum 2 activity per club – 3, one activity per club - 2)

Name of Club	Number of activity
ENCON club	6
Chemistry Association	15

VI. Best Practices

6.1 Programmes to sensitize/ promote Gender equity and sensitization, tolerance and harmony towards cultural , regional linguistic , commercial socioeconomic and others diversities. the constitutional obligations values rights duties and responsibilities of citizen (5 marks per programme)

No of programmes: (10)

6.2 Celebration/ organization of national and international commemorative days, events and festivals (Internal celebrations: 2/ activity, Celebrations with external resource person: 5/ activity, Intercollegiate level: 10/ activity)

Nature of programme	No of events
Internal celebrations (without external resource person)	4
Celebrations with external resource person	-
Intercollegiate level programme	-

Princy K.G. - P

Dr. PRINCY K.G.
ASSOCIATE PROFESSOR & HEAD
DEPT. OF CHEMISTRY
CARMEL COLLEGE, MALA

Carmel College Mala

Academic Audit 2019-20

Review Report of External Experts

Department - Chemistry

Date - 30/12/2020

Remarks

clear documentation
Well organised extension activities

Suggestions

1. Training pgms for competitive exams can be organised
2. Skill devptal pgms can be included
3. Classification of best practices.
4. Try to collaborate with more industries & other institutions

Name, Designation & Signature of Academic Audit Experts



Dr. Jeyaraj Tharapan.
St. Aloysius College
Elthuruth.



Dr. TOM CHERUVU
Christ College
Irinjilakuda



Dr. Sheela T. Tharakan
Vimala College
Thrissur.

DEPARTMENT OF CHEMISTRY
CARMEL COLLEGE MALA
Academic Audit Review Report

Academic Year - 2018-19

1. Strength :

- (i) Faculty members with consistently good academic record
- (ii) Availability of high quality teaching
- (iii) Well equipped laboratory
- (iv) Separate computer lab.

2. Weakness :

- (i) More than 50% faculty members are appointed on contract basis and are temporary
- (ii) Lack of research facilities

3. Recommended actions :

- (i) Set up sophisticated instrumental facility
- (ii) MOU's and collaborations with industry/institution

Name, Designation & Signature of Academic Audit Expert

Dr. Sinto Jacob
Asst. Prof.
St. Anthony's College
Edthuvath.



Princy K.G.P

Dr. PRINCY K.G.
ASSOCIATE PROFESSOR & HEAD
DEPT. OF CHEMISTRY
CARMEL COLLEGE, MALA

CARMEL COLLEGE MALA
ACADEMIC AUDIT REPORTS 2017-2018

1. Name of Department : Chemistry
2. No. of permanent faculty : 3
3. No. of part time visiting/ temporary contractual faculty :5
4. No. of Courses: UG Course: One- B.Sc. Chemistry
PG Course : One-M.Sc Chemistry
5. Students: I B.Sc Chemistry-39, II B.Sc Chemistry-33, III B.Sc Chemistry-38
I MSc. Chemistry- 12, II MSc. Chemistry- 12
6. Curriculum revisions/ Question paper setting/ external examination information :
Dr. Princy K. G. and Dr. Roshini K.Thumpakara were External Examiners for conducting Practical examinations in other educational institutions.
7. Research Activities:

	International	National	Regional
a) Publications (2009-14)	Dr. Princy K.G.-4 +2(books) Dr Roshini K. Thumpakara -4 Dr Vidya Francis -4	Dr. Princy K.G.-3 Dr Roshini K. Thumpakara -1	
b) Conferences Seminar attended		Shereena R.M.-1 Sariga C.D-1	
c) Paper presentation	Tessy Jose-1		
d) Orientation Programme		Dr. Vidya Francis-1 Dr. Princy K.G.-1	Dr.Princy K.G.-1
e) Faculty exchange programme			Tessy Jose-1
f)Number of conferences/Lectures organised	Seminar-1		

8. Departments Library:

- a. No. of Books :200
- b. Printed Books Added :13
- c. Web- resources CDs :10
- d. E-Books Added :10

9. No. of faculty using ICT and PPTs : 7

10. Equipment and Infrastructure :

A separate computer Lab
M.Sc. and B.Sc. Chemistry lab
Freezer -1
Centrifuging machine-2
Distillation unit-1
Digital Conductivity meter(ELICO)-1
Hand Refractometer-2
Water Bath -1
Rotary Shaker-2
Electronic Balance (4-Digit)-3
Heating Mantle-1
IR Lamp-1
Electric Bunsen-5
Magnetic stirrer-1
Soxhlet Apparatus-1
pH Meter-1
UV Spectrophotometer-1
Computers-5
Laptop-2
Laser printer-2
Abbe refractometer-1
Melting point apparatus-1
Elico photo colorimeter-1
Kipps apparatus-1
Thermometer-5

11. Student's achievements

- Akshara Krishnan selected for summer research fellowship at IISC, Bangalore
- Elza Maria Varghese (2014-2017 pass out batch) qualified JAM conducted by IIT and also secured 1 st rank in MG University Pg entrance examination

12. Student Feedback and Teaching Learning and Evaluation

The department plans and organizes the teaching, learning and evaluation schedules . Action plan will be prepared at the beginning of every academic year. Time table will be set for each faculty member and portions to be covered will be planned. Faculty members follow usual lecture method along with power point presentations. National and international seminars and invited lectures are organized. Evaluation methods include test papers and internal exams, seminars, assignments, quiz etc. Feedback is collected for every paper from all students and corrections are done

13. Recommended Actions :

- Up gradation of the department to centre for research
- More facilities to do research activities:

Strengths	<ul style="list-style-type: none">• Highly qualified faculty members with good team spirit among faculty• UGC sponsored Career Oriented Programme• UGC sponsored minor research project• Conducted one national seminar and international seminar• Excellent maintenance of Lab and instrument facility
Weakness	<ul style="list-style-type: none">• Lack of research centre• Extension and consultancy services are not up to the level• Alumna to be further strengthened

Poimyk. G. R

Signature of HOD

Signature of College IQAC Co-ordinator

IQAC in- Charge (Department)

Date:

Academic Audit done by

RIJOY K.J.
Asst. Professor (Chemistry)
KKTU Govt. College, Pullut
Kodungallur - 680663

Rijoy K.J.
Asst. Professor of Chemistry
K.K.T.M. Govt. College, Pullut.

CARMEL COLLEGE MALA
ACADEMIC AUDIT REPORTS 2016-2017

1. **Name of Department** : Chemistry
2. **No. of permanent faculty** : 3
3. **No. of part time visiting/ temporary contractual faculty** :5
4. **No. of UG Courses:** One- B.Sc. Chemistry PG Courses: One-M.Sc Chemistry
Students: I B.Sc Chemistry-36, II B.Sc Chemistry-37, III B.Sc Chemistry-39
I M.Sc Chemistry-10 I I M.Sc Chemistry-12

5. Curriculum revisions information :

Dr. Princy K. G. And Dr. Roshini K.Thumpakara were External Examiners for conducting Practical examinations in other educational institutions.

6. Research Activities:

	International	National	Others
a) Number of paper presentations		Dr Vidya Francis-1	
b) Number of paper publications			Dr. Princy K.G.-3 Dr Roshini K. Thumpakara -1 Dr Vidya Francis -4 (Carmel Blaze)
c) Number of conferences/ Seminar /workshop attended	Dr. Princy K.G.-1 Dr Roshini K. Thumpakara -1 Dr Vidya Francis -1 Ms.Neethu Sunny -1 Ms.Sariga C.D -1 Ms.Joicy P.J-1 Ms.Linu Louis-1	Dr. Princy K.G.-4 Dr Roshini K. Thumpakara -1 Dr Vidya Francis -5 Ms.Neethu Sunny -2 Ms.Sariga C.D -2 Ms.Joicy P.J-1 Ms.Linu Louis-1	

	Shafna Shabeer-1	Shafna Shabeer-2	
d) Number of conferences/ Seminar organised	1	1	1
e) Minor project	Dr. Princy K.G.-1		

7. Departments Library:

- a. No. of Books :200
- b. Printed Books Added :1
- c. Web- resources CDs :10
- d. E-Books Available :5

8. No. of faculty using ICT and PPTs : 8

9. Faculty achievements

- ❖ Dr.Princy.K.G received Bharat Shiksha Ratan award on 24th September 2016 at New Delhi.
- ❖ Dr.Princy.K.G received Shining Star of India Award for Education Excellence on 12th November 2016 at Goa .
- ❖ Indo-Thai Asia Achievers Leadership Award-2017 on 10th February2017 from Thailand.

10. Student achievements

- ❖ Akshara Krishnan attended Project Oriented Chemical Education at JNCASR, Bangalore from 16/05/2016 to 30/06/2016.
- ❖ Irene Treesa John and Athira Anil Kumar (I B.Sc Chemistry won I prize on mime competition conducted by Udaya Province Irinjalakuda
- ❖ Our students got I prize in Kerala state level Oppana competition- Dhvani
- ❖ Divya P. Menon is elected as Fine Arts Secretary of College Union in this academic year.

11. Departmental activities:

- Chemistry Association organized a Rally in connection with World Environment day on 8th June.
- Association honoured Prof. Francis Joseph, the Guinness World Record Winner-2016 on 16th June
- Chemistry Association was formally inaugurated on 2nd Nov,2016.
- Department organized a national Seminar on '**Petroleum and Energy Conservation**' by Dr. Kochubaby Manjooran, Manager, Energy and Environment Section, BPCL Kochi Refinery
- We organized one day international seminar on **INNOVATIONS IN CHEMISTRY** on January 2017
- Encon Club celebrated "**Oil and Gas Conservation Mass**
- **Awareness Campaign**" –SAKSHAM-from 16th January to 15th February, 2017. In connection with this, we took Oil and Gas Conservation Pledge and conducted the Essay competition ,Painting competition & Quiz competition on 29th January 2016 in collaboration with BPCL Kochi Refinery.
- Competition on **Craft from waste** and Exhibition on the materials made by the students was conducted on 19/08/16
- Poster making competition was held on 27th July 2016 on "**CHEMISTRY IN DAILY LIFE**
- The association observed **Ozone Day** on Sept 21st by conducting seminars.
- Quiz competition was conducted in connection with **world science day** on 11th November, 2016
- **Training Programme** in Flower, Umbrella, Ornaments, Toys, Fabric Painting, Carpets, Paper pen, Toilet soaps, Liquid soap and detergents making. They were given training to extract Lemon grass oil- Mosquitto Repellent on 20-01-17

- In connection with **Word Science Day**, Interdepartmental power point competition will be held on 28th February.
- Dr.Princy.K.G is doing a UGC sponsored **minor Research Project on Soil Quality for Human & Environmental Health**
- Dr. Princy K.G. was a **resource person** for the N.S.S. Camp of St. Antony's H.S.S., Moorkanad
- Dr.Roshini K Thumpakara & Dr. Vidya Francis attended Lineamenta Consultation of Archi Episcopal Assembly at St. Thomas Mount , Kakkanad
- Dr.Princy K.G attended Nodal Officers Trianing at Calicut University
- Dr. Roshini Thumpakara & Dr. Vidya Francis participated in *Co-Ordinators Meet On Campus Ministry* at St. Thomas Mount, Kakkanad
- Dr. Vidya Francis & Dr. Roshini K. Thumpakara attended the Encon club co-ordinators meet at BPCL, Kochi on 26th August 2016.

12. Results

Year	Total no of students	No of students passed	Over all pass %	no of students achieved Distinction	% of students achieved Distinction	no of students achieved I Class	% of students achieved I Class
2016-2017	38	27	71%	4	11%	23	61%

13. New Equipment and Infrastructure Added

A separate computer room was set inside the Chemistry lab and the following equipments were purchased.

Ostwald viscometer -5

Electronic Balance (4-Digit)-1

Melting point apparatus-1

Abbe refractometer-1

Elico photolorimeter -1

14. Student Feedback and Teaching Learning and Evaluation

The department plans and organizes the teaching, learning and evaluation schedules . Action plan will be prepared at the beginning of every academic year. Time table will be set for each faculty member and portions to be covered will be planned. Faculty members follow usual lecture method along with power point presentations. National and international seminars and invited lectures are organized. Evaluation methods include test papers and internal exams, seminars, assignments, quiz etc. Feedback is collected for every paper from all students and corrections are done.

15. Recommended Actions :

- Up gradation of the department to centre for research
- More facilities to do research activities:

Strengths	<ul style="list-style-type: none">• Highly qualified faculty members with good team spirit among faculty• UGC sponsored Career Oriented Programme• UGC sponsored minor research project• Conducted one international and national lecture• Faculty presented research papers on national seminars• Faculties published papers on research articles• Excellent maintenance of Lab and instrument facility• Faculty achieved awards for her excellence
Weakness	<ul style="list-style-type: none">• Lack of research centre• Extension and consultancy services are not up to the level• Alumina to be further strengthened

Princy K. G. P.

Signature of HOD

Signature of College IQAC Co-ordinator

Neetha
IQAC in- Charge (Department)

Date: 12-07-17

Department of Chemistry
Carmel College Mala
Academic Audit Review Report

Academic Year - 2016-17.

Remarks & Suggestions of the External Expert

- * Documents submitted by the Dept. of Chemistry, Carmel College, Mala for the academic year audit of the academic year 2016-17 is found to be correct and in order.
- * Try to publish more papers in peer reviewed international journals.

Name, Designation & Signature of Academic Audit Expert

Dr. TOM CHERIAN
Asst. Professor
Dept. of Chemistry
Christ College, Irinjakkuda.


12/07/17

CARMEL COLLEGE MALA
ACADEMIC AUDIT REPORTS 2015-2016

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3. No. of part time visiting/ temporary contractual faculty : 4
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Students: I B.Sc Chemistry-37, II B.Sc Chemistry-39, III B.Sc Chemistry-32
I M.Sc Chemistry-10

5. Curriculum revisions information :
Dr. Princy K. G. And Dr. Roshini K.Thumpakara were External Examiners for conducting Practical examinations in other educational institutions.

6. Research Activities:

	International	National
a) Number of paper publications	Ms.Jyothy P.J-1 (IJERT)	
b) Number of paper presentations	Dr Vidya Francis-1	Ms.Jyothy P.J-1 Ms.Arya V.P-1
c) Number of video conferencing	2	
d) Number of conferences/Seminar attended	Dr. Princy K.G.-1 Dr Roshini K. Thumpakara -1 Dr Vidya Francis -1 Ms.Jyothy P.J-1 Ms.Arya V.P-1 Ms.Joicy P.J-1 Ms.Nila T.D-1	
e) Number of conferences/Seminar organised	1	

7. Departments Library:

- a. No. of Books :200
- b. Printed Books Added :1
- c. Web- resources CDs :10
- d. E-Books Available :5

11. New Equipment and Infrastructure Added

A separate computer room was set inside the Chemistry lab and the following equipments were purchased.

Water bath -1

Electronic Balance (4-Digit)-1

Electric Bunsen-1

Bunsen burner-43

Melting point apparatus-1

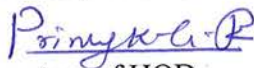
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- Up gradation of the department to centre for research
- More facilities to do research activities:

Strengths	<ul style="list-style-type: none">• Highly qualified faculty members with good team spirit among faculty• UGC sponsored Career Oriented Programme• UGC sponsored minor research project• Conducted one international lecture and two video conferencing• Faculties presented several research papers on international and national seminars and conferences• One of the faculty published papers on international seminar• Excellent maintenance of Lab and instrument facility
Weakness	<ul style="list-style-type: none">• Lack of research centre• Extension and consultancy services are not up to the level• Alumna to be further strengthened


Signature of HOD


Signature of College IQAC Co-ordinator


IQAC in-charge (Department)

Date:

Department of Chemistry
Carmel College Mala
Academic Audit Review Report

Academic Year - 2015-16

Remarks & Suggestions of the External Expert

The department of Chemistry, Carmel College mala was carried out several activities. The activities were reviewed and verified. The activities were conducted at their best to the best of my knowledge.

Name, Designation & Signature of Academic Audit Expert

Dr. Santhosh Paul.

1114


Dr. SANTHOSH PAUL
Assistant Professor
Department of Chemistry
Sacred Heart College Chalakudy

Internal Audit Report
Internal Quality Assurance Cell
Carmel College, Mala

Department: Chemistry

Curricular Aspects		
1.1	skill-developing programme/ Career oriented course/Value -added course/ Certificate course	2
1.2	Field projects /Internships/Industrial Visit /Study tours	24
1.3	Feedback System	18
1.4	Curriculum Delivery and Documentation	5
1.5	faculty members involved in curriculum restructuring /revision/ syllabus development/Question paper setting /external examination	10
1.6	Bridge Course	5
	Total	64
Teaching- Learning and Evaluation		
2.2	ICT enabled teaching	10
2.3	Result – Pass percentage	10+5
	Total	25
Research, Innovations and Extension		
3.1	Minor/ Major Projects	0
3.2	Grants/ Funds from agencies like DST, FIST, ICSSR, UGC	0
3.3	New proposal for project /seminar to funding agencies	0
3.4	seminar/workshop /conference conducted	4
3.5a	Faculty participation in Seminars/Conferences and Symposia	10
3.5b	Research Scholars/ Students participation in Seminars/ Conferences and Symposia	10
3.6 a	Paper presentations - Faculty	5
3.6 b	Paper presentations –Research scholars and Students	1
3.7	Faculty as Resource Person	15
3.8	Faculty attended Professional Development Programmes	50
3.9a	Research Publications in the journals notified on UGC WEBSITE during the year	5
3.9b	Books and Chapters in edited volumes	5
3.9c	Papers in National/ International Conference Proceedings	-
3.10	Collaborations:- for research, guideship, project work	5
3.10b	Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year	5
3.10c	MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc	-
3.11	Awards and Recognition	-
3.12	Extension Activity /Outreach Programmes conducted	20
	Total	135
Student Support and Progression		
4.1	No. of students participated in NSS events:	2
4.2	No. of students participated in NCC events:	-

4.3	No. of students participated in cultural events	-
4.4	No. of medals /awards won by students in Sports, Games and events	-
4.5	Student Progression	3
4.6	Students qualifying in state/ national/ international level examinations	4
4.7	Capability enhancement and development scheme	16
4.8	Carrier guidance and competitive examination	
4.9	Placement	30
4.10	Alumni Engagement	5
	Total	60
Governance, Leadership and Management		
5.1	Utilization of moodle facility	1
5.2	Teachers undergoing /online/face to face faculty programme (FDP)	5
5.3	Effective functioning of Clubs and Forums	6
	Total	12
Best Practice		
6.1	Programmes to sensitize/ promote Gender equity and sensitization, tolerance and harmony towards cultural , regional linguistic , commercial socioeconomic and others diversities, the constitutional obligations values rights duties and responsibilities of citizen	50
6.2	Celebration/ organization of national and international commemorative days, events and festivals	8
	Total	58
	Grand Total	354

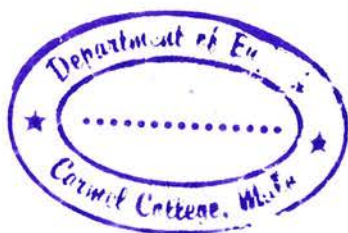

Dr. VIDYA FRANCIS
 Asst. Professor
 Dept. of Chemistry
 Carmel College, Mala


IQAC COORDINATOR
CARMEL COLLEGE
MALA

DEPARTMENT OF ENGLISH

Action Plan 2020-21

Sl. No	Month	Activity
1	June	Association Inauguration Readers' Week World Environment Day Reading out poems on Nature Poster Presentation
2	July	Webinar Media visit
3	August	Media Club: SHORT FILM FEST Workshop on Research Methodology
4	September	National Seminar LitFiesta Inter-departmental Literary and Cultural Fest
5	October	LitArena Inter-collegiate Fest Class PTA
6	November	Readers' Theatre: Literary Work Enactment Workshop on Creative Writing
7	December	Speakers' Forum: JAM Photography Club: Speak on Snap Carol Fete
8	January	Writers' Forum: Release of Manuscript Magazine Workshop on Film Studies
9	February	Workshop on Translation
10	March	Women's Day: Gender Equity



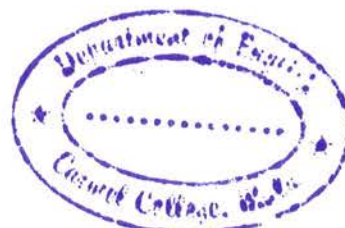

Dr. PRETTY JOHN P.
Assistant Professor & HOD
Department of English
Carmel College, Mala

Department of English

Action Plan 2019-20

Sl. No.	Month	Activity
1	June	<ul style="list-style-type: none">• Readers' Week: Introduction to Classic Works Book Review on the works of Bronte Sisters• World Environment Day: Reading out Nature Poems Screening Short Film
2	July	<ul style="list-style-type: none">• Welcome to First Year Students• Bridge Course• "Malala Day": Declamation Competition (Speakers' Forum)
3	August	<ul style="list-style-type: none">• Association Inauguration• "Photography Day" <i>Speak on Snap</i> Competition (Photography Club and Media Club)
4	September	<ul style="list-style-type: none">• Onam Celebrations• Food Fest• <i>Lit Fiesta</i> : Inter-Departmental Literary and Cultural Fest
5	October	<ul style="list-style-type: none">• <i>LitArena</i>: Intercollegiate Competition
6	November	<ul style="list-style-type: none">• Media visit• Readers' Theatre: Role Play
7	December	<ul style="list-style-type: none">• Christmas Celebrations• Linkage Programme• <i>Carol Fete</i>: Carol Singing Competition
8	January	<ul style="list-style-type: none">• Seminar on Media• Study Tour
9	February	<ul style="list-style-type: none">• Workshop on Research Methodology
10	March	<ul style="list-style-type: none">• Women's Day <i>Ecriture Feminine</i>• World Poetry Day "Paint in Words" (Writers' Forum)

Zafar

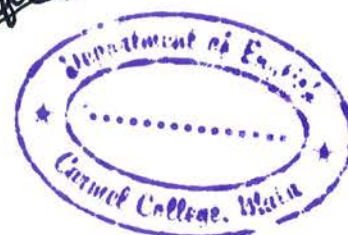


Department of English

Action Plan 2018-19

Sl.no	Month	Activity
1	June	Readers' Week: Book Review
2	July	Bridge Course Video Conferencing
3	August	Association Inauguration Intercollegiate Versification Competition
4	September	JAM Competition
5	October	LitArena Literary Work Enactment – Readers' Theatre
6	November	Lecture Series
7	December	Street Play
8	January	Media visit
9	February	Workshop on "Research Methodology"
10	March	World Theatre Day : Drama competition

Jafri

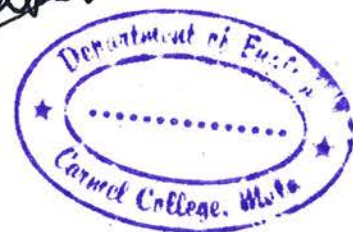


Department of English

Action plan 2017-18

Sl. No	Month	Activity
1	May	ASAP CET Camp
2	June	1) Recitation on Nature poetry 2) Work shop on Literary Theory
3	July	Research Methodology Workshop
4	August	Association Inauguration
5	September	Seminar on Cultural Studies
6	October	Film Festival Study Tour
7	November	Theatre Performance
8	December	Book Review Linkage
9	January	Media visit
10	February	Workshop- Photography Exhibition
11	March	Interdepartmental Debate Competition

Joshi



Department of English

Action Plan June 2016

Sl.no	Plan of action	Club/ Forum
1.	Observation of Reader's Week	Reader's Theatre
2.	Script Writing Competition	Media Club

Action Plan July 2016

Sl.no	Plan of action	Club/ Forum
1.	Verification Competition	Writer's Forum
2.	Workshop on Photography	Photography Club

Action Plan August 2016

Sl.no	Plan of action	Club/ Forum
1.	Regional Seminar	Media Club
2.	Quiz Competition	Speaker's Forum

Action Plan September 2016

Sl.no	Plan of action	Club/ Forum
1.	Making of a short film in collaboration with the Multimedia Stream of the Dept of Vocational Studies	Media Club
2.	Skit Presentation	Reader's Theatre



Action Plan October 2016

Sl.no	Plan of action	Club/ Forum
1.	Study Tour	
2.	Association Inauguration	
3.	Film Fest	Media Club

Action Plan November 2016

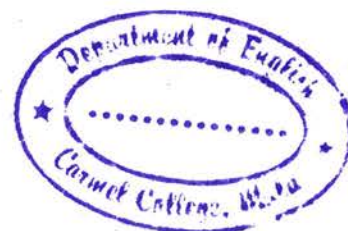
Sl.no	Plan of action	Club/ Forum
1.	Poets day celebration	Writer's Forum
2.	Extension Activity	
3.	Speech competition on the relevance of present education system as part of Education Day	Speaker's Forum

Action Plan December 2016

Sl.no	Plan of action	Club/ Forum
1.	Carol Competition	
2.	Caption Writing Competition	Photography Club
3.	Linkage Programme	

Action Plan January 2016

Sl.no	Plan of action	Club/ Forum
1.	Video Conference	Speaker's Forum
2.	Poster - making Competition	Photography Club



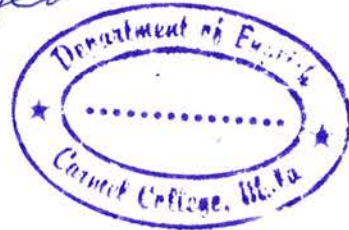
Action Plan February 2016

Sl.no	Plan of action	Club/ Forum
1.	News Reporting Competition	Media Club
2.	Field trip to TV Station	Media Club

Action Plan March 2016

Sl.no	Plan of action	Club/ Forum
1.	Visual Presentation of Waiting for Godot	Reader's Theatre

Zahid



**ACTION PLAN
2015-16**

Date	Curricular	Co-Curricular	Extra-Curricular	Remedial Teaching
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JUNE 2015

01	Department Meeting Time Table Setting			On all possible working days
05	Syllabus Allotment	World Environment Day Documentary, Elocution, Skit		
12	Assignment: Phonetics	News Reading	Faculty at Home	
17		Discussion		
19	Assignment: Creative Writing	Telecast of News Channels		
24	Power Point Presentations	Role Play		
26		Debate	Faculty at Home	

JULY

01	Department Meeting			On all possible working days
10			Faculty at Home	
13	Power Point Presentations			
16		Writers' Forum Versification		
20		Talk by Ms. Sreeja Sasidaran		
23	Seminar: Mass Media			
24		Media Club Show Time Eugene Ionesco's <i>The Rhinoceros</i>		

AUGUST

01	Department Meeting	Mock Interview, Resume and Interview tips		
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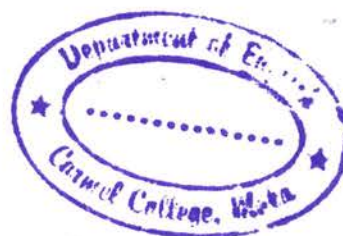
03		News Club News Reading Reporting	Faculty at Home	On all possible working days
06		Speaker's Forum Writer's Forum & Photography Club- Collage, Book review, Collage making, Declamation competitions		
13		International Youth Day Readers' Theatre Role Play		
17		Welcome for First Year Students		
19		Onam Celebrations		
		World Photography Day Caption Writing		

SEPTEMBER

01	Department Meeting			On all possible working days
04	Power Point Presentations		Faculty at Home	
07		Teachers' Day Celebrations		
17	Assignment: Phonetics	Debate		
23		Book review		
30		Versification		

OCTOBER

01	Department Meeting	International Day of Older Persons	Help an Aged	On all possible working days
07	Assignment: Grammar	Writers' Forum Tips to develop handwriting and writing skills		
13		International Day of the Girl Child Speakers' Forum Elocution: The Role of Women		
16		Association Inauguration Department of English, Carmel College	Faculty at Home	
20		Readers' Theatre Enacting one of the Shakespearean Plays' Scenes		
28		Show Time		



		Adventures of Tom Sawyer		
29	Test Paper – I Year, II Year and III Year			

NOVEMBER

02	Department Meeting			On all possible working days
06		Speakers' Forum Debate: Dowry System	Faculty @home	
13		Readers' Day		
16	Seminar: Translation Process			
20		Media Club Short film and Documentary Fest	Faculty at Home	
26	Assignment: Feminist Theory			
27		Showing movie on Hemingway's <i>The Old Man and the Sea</i>		

DECEMBER

01	Department Meeting			On all possible working days
04		Newspaper Production		
09		Readers' Theatre Skit Presentation		
16		Writers' Forum Personal Narrative		
17		Interdepartmental English Carol Singing Competition		
19		Christmas Celebrations	Linkage Programme Celebrating Christmas with school for disabled children Entertaining the inmates of the Old Age Home, Snehagiri with love, care and the joy of Christmas.	
31		News Club TV News Reading		

JANUARY

01	Department Meeting	New Year Celebrations		On all possible
06		News Club Mock Press Conference		
13		Speakers' Forum Discussion Dignity of Labour		




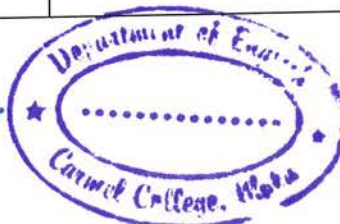
14	Power Point Presentations			working days
18		Media Club Film Fest Movies on World Classics		
22		Writers' Forum Personal Narrative	Faculty at Home	
22		Readers' Theatre Role Play		
27	Power Point Presentations			

FEBRUARY

01	Department Meeting			On all possible working days
04	Power Point Presentations	News Club TV News Reading		
	Power Point Presentations			
11		Speakers' Forum Movie Clips of "My Fair based on Bernard Shaw's <i>Pygmalion</i> "		
15		Speakers' Forum Discussion "The Influence of Cinema"		
17	Test paper - III Year			
19		English Language Day	Faculty at Home	
24	Power Point Presentations			

MARCH

01	Department Meeting		
08		Women's Day <i>Ecriture Feminine:</i> Reading out Women Writers' Works	
10		Social and Send-off - III Year Students	
18	Test Paper - II Year Test Paper - I Year		
21		World Poetry Day International Day of Forest and Tree Versification	
28		World Theatre Day World Drama Day Media Club Movie Clips of Shakespeare's <i>Hamlet</i>	
29	Department Meeting		

CARMEL COLLEGE MALA



TEACHERS DIARY

20.....20.....

TEACHER'S DIARY

PERSONAL INFORMATION

NAME :

QUALIFICATION :

ACADEMIC :

OTHER :

DESIGNATION :

DEPARTMENT :

AREA OF SPECIALIZATION :

HONOURS CONFERRED :

RESIDENTIAL ADDRESS :

Phone No :

E -Mail :

TIME TABLE

	1	2	3	4	5	6
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						

Class	No. of hrs/week	Papers Handled
	Total	

Statement of Work

Day	Month	Date	Period	Classes engaged	Subject/Topic discussed	Remarks
Monday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Tuesday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Wednesday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Thursday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Friday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities						

Signature of Faculty

Statement of Work

Day	Month	Date	Period	Classes engaged	Subject/Topic discussed	Remarks
Monday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Tuesday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Wednesday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Thursday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Friday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities						

Signature of Faculty

Statement of Work

Day	Month	Date	Period	Classes engaged	Subject/Topic discussed	Remarks
Monday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Tuesday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Wednesday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Thursday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities			Time			
Friday			1			
			2			
			3			
			4			
			5			
Special Class/Remedial Class/ Club Activities						

Signature of Faculty

TUTOR OF(CLASS)

Sl. No.	Name of the student	Class

DETAILS OF LEAVE TAKEN

Date	Day	Nature of Leave	Total Leave Taken so far

MEETING ATTENDED

(Staff Meeting,P.T.A. Meeting ,Committee etc.)

Date	Nature of Meeting	Purpose	Duration

SEMINARS/WORKSHOPS ATTENDED

Date	Resource	Venue	Topic

VALUATION OF ANSWER SCRIPT

University Level				College Level		
Name of exam	Subject	No.of Answer Script	Nature of Examinership	Name of Exam.	Subject/ Duration	No.of Papers

Carmel College, Mala

SELF APPRAISAL

Session /Year

PART A: GENERAL INFORMATION

1.	Name of College/ University	
2.	Name of Incumbent (In Block Letters)	
3	Name of Father / Mother	
4.	Sex	
5.	Date of Birth	
6.	Nationality	
7.	Current designation	
8.	Department	
9.	Date of entry to service	
10.	Date of last promotion if any	
11.	Date of eligibility for promotion	
12.	Address for correspondence (with Pin code)	
13.	Telephone No:	
14.	Email	

Academic Staff College Orientation/Refresher Course attended:

Name of the Course /Summer School	Venue	Duration (From - To)	Sponsoring Agency

PART B:

1.TEACHING

Sl. No	Course/Paper	Level	Mode of teaching*	No. of classes per Week allotted	No. of classes conducted per Week	% of Classes/ Pract. Taken
Odd semester						
TOTAL						
Even semester						
TOTAL						

(Classes taught includes sessions on tutorials, lab and other teaching related activities)

*Lecture (L), Seminar (S), Tutorial (T), Practical (P), Contact Hours (C)

2. INVOLVEMENT IN THE UNIVERSITY/COLLEGE STUDENTS RELATED ACTIVITIES/ RESEARCH ACTIVITIES:

(2. a) Administrative responsibilities such as Head, Chairperson/ Dean/ Director/ Co-ordinator, Warden etc.

Sl. No	Type of Responsibility/Duty	Role Performed
Total number of activities Involved		

(2. b) Examination and evaluation duties assigned by the college / university or attending the examination paper evaluation.

Sl. No	Type of Responsibility/Duty	Role Performed
Total number of activities Involved		

(2. c) Student related co-curricular, extension and field-based activities such as student clubs, career counselling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community services.

Sl. No	Type of Responsibility/Duty	Role Performed
Total number of activities Involved		

(2. d) Organising seminars/ conferences/ workshops, other college/university activities.

Sl. No	Type of Responsibility/Duty	Role Performed
Total number of activities Involved		

(2. e) Evidence of actively involved in guiding Ph.D. students.

Sl. No	Name of Student	Date of Registration	U.O granting Registration
Total number of students			

(2. f) Conducting minor or major research project sponsored by national or international agencies.

Sl. No	Name of the project	Funding Agency	Amount sanctioned/utilized
Total number of projects			

(2. g) Publication in peer- reviewed or UGC list of Journals

Sl. No.	Title with page Nos.	Journal	ISSN/ISBN No	Peer reviewed/ UGC listed	No. of Co-authors	Whether you are the main Author
Total number of publications						

Name and Signature of Faculty

Name and Signature of HOD

Name and Signature of IQAC Co-ordinator

Name and Signature of Principal

Internal Quality Assurance Cell

Carmel College, Mala

Self Appraisal of Administrative staff

20... - 20...

I. GENERAL INFORMATION

- a. Name :
- b. Residential Address :
- c. Date of Birth :
- d. Date of Joining :
- e. Present Designation :
- f. Date of last Promotion :
- g. Due date of Promotion :
- h. Date of Retirement :
- i. Language Known :
- j. Computer Knowledge :
- k. Working experience in Years:

II. Academic Qualification

Exam Passed	Board/University	Year of Passing

III. Seminars, Conferences attended for the improvement of professional competence

Name of the seminar/ Conference	Name of the sponsoring agency	Place and Date

IV. Experience Details

Sections handled so far	Name of the institution	Duration

V. Any other information

Signature of Staff

Signature of Superintendent

Signature of Principal

CARMEL COLLEGE, MALA
TEACHING PLAN 2020 – 2021

Department: Physics

Programme : UG

Semester: V

Teacher in Charge: Greatel Francis Paremél

Subject:

Open course: Nonconventional energy

Sources

Date	Unit and subject	Teaching method adopted	Method of evaluation	Remarks
June 2020				
1.6.2020, Day 1	Introduction of the paper			
2.6.2020, Day 2				
3.6.2020, Day 3				
4.6.2020, Day 4				
5.6.2020, Day 5				
6.6.2020,	Saturday			
7.6.2020,	Sunday			
8.6.2020, Day 1	Solar constants, Solar radiation measurements,	ICT enabled methods	Questioning	
9.6.2020, Day 2				
10.6.2020, Day 3				
11.6.2020, Day 4				
12.6.2020, Day 5				
13.6.2020	Saturday			
14.6.2020	Sunday			
15.6.2020, Day 1	solar energy collector,	ICT enabled methods	Questioning	
16.6.2020, Day 2				
17.6.2020, Day 3				
18.6.2020, Day 4				
19.6.2020, Day 5				

20.6.2020	Saturday			
21.6.2020	Sunday			
22.6.2020, Day 1	Physical principle of the conversion of solar radiation in to heat,	ICT enabled methods	Questioning	
23.6.2020, Day 2				
24.6.2020, Day 3				
25.6.2020, Day 4				
26.6.2020, Day 5				
27.6.2020	Saturday			
28.6.2020	Sunday			
29.6.2020, Day 1	,solar cookers,	ICT enabled methods	Questioning	
30.6.2020, Day 2				
JULY 2020				
1.7.2020, Day 3				
2.7.2020, Day 4				
3.7.2020, Day 5				
4.7.2020	Saturday			
5.7.2020	Sunday			
6.7.2020, Day 1	solar distillation, solar furnaces,	ICT enabled methods	Questioning	
7.7.2020, Day 2				
8.7.2020, Day 3				
9.7.2020, Day 4				
10.7.2020, Day 5				
11.7.2020	Saturday			
12.7.2020	Sunday			
13.7.2020, Day 1	solar greenhouses,	ICT enabled methods	Test	
14.7.2020, Day 2				

15.7.2020, Day 3				
16.7.2020, Day 4				
17.7.2020, Day 5				
18.7.2020	Saturday			
19.7.2020	Sunday			
20.7.2020	Karkkidakavavu			
21.7.2020, Day 1	solar electric power generation	ICT enabled methods	Questioning	
22.7.2020, Day 2				
23.7.2020, Day 3				
24.7.2020, Day 4				
25.7.2020	Saturday			
26.7.2020	Sunday			
27.7.2020, Day 5				
28.7.2020, Day 1	Ocean thermal electric conversion	ICT enabled methods	Questioning	
29.7.2020, Day 2				
30.7.2020, Day 3				
31.7.2020	Bakrid			
AUGUST 2020				
1.8.2020	Saturday			
2. 8.2020	Sunday			
3.8.2020, Day 4				
4.8.2020, Day 5				
5.8.2020, Day 1	. Energy from tides,	ICT enabled methods	Questioning	
6.8.2020, Day 2				
7.8.2020, Day 3				
8.8.2020	Saturday			
9.8.2020	Sunday			

10.8.2020				
11.8.2020, Day 4				
12.8.2020, Day 5				
13.8.2020, Day 1	Basic principle of tidal power,	ICT enabled methods	test	
14.8.2020, Day 2				
15.8.2020	Saturday			
16.8.2020	Sunday			
17.8.2020 – 21.8.2020 First Internal Examination				
22.8.2020	Saturday			
23.8.2020	Sunday			
24.8.2020, Day 3				
25.8.2020, Day 4	Completion of Evaluation of answer sheets			
26.8.2020, Day 5				
27.8.2020, Day 1	advantages and limitation of tidal power generation. Publication of I Internal marks			
28.8.2020	Christmas Vacation starts			
SEPTEMBER 2020				
7.9.2020, Day 1	advantages and disadvantages of wave energy	ICT enabled methods	Questioning	
8.9.2020, Day 2				
9.9.2020, Day 3				
10.9.2020	Sri Krishna Jayanthi			
11.9.2020, Day 4				
12.9.2020	Saturday			
13.9.2020	Sunday			
14.9.2020, Day 5				
15.9.2020, Day 1	wave energy conversion devices.	ICT enabled methods	Questioning	

16.9.2020, Day 2				
17.9.2020, Day 3				
18.9.2020, Day 4				
19.9.2020	Saturday			
20.9.2020	Sunday			
21.9.2020	Sri Narayana Guru Samadhi			
22.9.2020, Day 5				
23.9.2020, Day 1	batteries,	ICT enabled methods	test	
24.9.2020, Day 2				
25.9.2020, Day 3				
26.9.2020	Saturday			
27.9.2020	Sunday			
28.9.2020, Day 4				
29.9.2020, Day 5				
30.9.2020, Day 1	advantages of battery for bulk energy storage	ICT enabled methods	Questioning	
October 2020				
1.10.2020, Day 2				
2.10.2020	Gandhi Jayanti			
3.10.2020	Saturday			
4.10.2020	Sunday			
5.10.2020, Day 3				
6.10.2020, Day 4				
7.10.2020, Day 5				
8.10.2020, Day 1	Revision			
9.10.2020, Day 2				
10.10.2020	Saturday			
11.10.2020	Sunday			
12.10.2020, Day 3				

13.10.2020, Day 4				
14.10.2020, Day 5				
15.10.2020, Day 1	Revision			
16.10.2020, Day 2				
17.10.2020	Saturday			
18.10.2020	Sunday			
19.10.2020, Day 3				
20.10.2020, Day 4				
21.10.2020, Day 5				
22.10.2020, Day 1	Revision			
23.10.2020, Day 2				
24.10.2020	Saturday			
25.10.2020	Sunday			
26.10.2020 – 30.10.2020 Second Internal Examination				
November 2020				
1.11.2020	Sunday			
2.11.2020, Day 1				
3.11.2020, Day 2				
4.11.2020, Day 3				
5.11.2020, Day 4				
6.11.2020, Day 5	Publication of Second Internal Marks			
7.11.2020	Saturday			
8.11.2020	Sunday			
9.11.2020, Day 1				
10.11.2020, Day 2				
11.11.2020, Day 3				
12.11.2020, Day 4				
13.11.2020, Day 5				
14.11.2020	Saturday			
15.11.2020	Sunday			

16.11.2020, Day 1	
17.11.2020, Day 2	
18.11.2020, Day 3	
19.11.2020, Day 4	
20.11.2020, Day 5	
21.11.2020	Saturday
22.11.2020	Sunday
23.11.2020, Day 1	
24.11.2020, Day 2	
25.11.2020, Day 3	
26.11.2020, Day 4	
27.11.2020, Day 5	
28.11.2020	Saturday
29.11.2020	Sunday
30.11.2020	Publication of consolidated Internal Marks

CARMEL COLLEGE, MALA
TEACHING PLAN 2020 - 2021

Department: Physics

Programme: UG

Semester: IV

Teacher in Charge: Greatel Francis

Paremel

Subject:

Microprocessors - Architecture and programming

Date	Unit and subject	Teaching method adopted	Method of evaluation	Remarks
NOVEMBER				
11.11.2020, Day 3	Commencement of Semester Paper introduction			
12.11.2020, Day 4	Syllabus discussion			
13.11.2020, Day 5	Introduction to computers	ICT enabled methods	questioning	
14.11.2020	Saturday			
15.11.2020	Sunday			
16.11.2020, Day 1				
17.11.2020, Day 2	General architecture	ICT enabled methods	questioning	
18.11.2020, Day 3	General architecture	ICT enabled methods	questioning	
19.11.2020, Day 4	Introduction to microprocessors	ICT enabled methods	questioning	
20.11.2020, Day 5	Memory classification	ICT enabled methods	questioning	
21.11.2020	Saturday			
22.11.2020	Sunday			
23.11.2020, Day 1				

24.11.2020, Day 2	Memory classification	ICT enabled methods	test	
25.11.2020, Day 3	Introduction to 8085	ICT enabled methods	questioning	
26.11.2020, Day 4	Introduction to 8085	ICT enabled methods	questioning	
27.11.2020, Day 5	Bus organization	ICT enabled methods	questioning	
28.11.2020	Saturday			
29.11.2020	Sunday			
30.11.2020, Day 1				
DECEMBER				
1.12.2020, Day 2	Bus organization	ICT enabled methods	test	
2.12.2020, Day 3	Memory addressing	ICT enabled methods	test	
3.12.2020, Day 4	Memory mapping	ICT enabled methods	questioning	
4.12.2020, Day 5	8085 architecture	ICT enabled methods	questioning	
5.12.2020	Saturday			
6.12.2020	Sunday			
7.12.2020, Day 1				
8.12.2020, Day 2	8085 architecture	ICT enabled methods	test	
9.12.2020, Day 3	General purpose registers	ICT enabled methods	questioning	
10.12.2020, Day 4	special purpose registers	ICT enabled methods	questioning	

11.12.2020, Day 5	flag register -8085	ICT enabled methods	test	
12.12.2020	Saturday			
13.12.2020	Sunday			
14.12.2020, Day 1				
15.12.2020, Day 2	Assembly language programming basics	ICT enabled methods	questioning	
16.12.2020, Day 3	Opcode, Mnemonics	ICT enabled methods	questioning	
17.12.2020, Day 4	8085 instruction set	ICT enabled methods	questioning	
18.12.2020, Day 5	Data Transfer instructions	ICT enabled methods	test	
19.12.2020	Christmas Vacation starts			
29.12.2020, Day 1				
30.12.2020, Day 2	Arithmetic instructions	ICT enabled methods	test	
31.12.2020, Day 3	Logic instructions	ICT enabled methods	questioning	
JANUARY				
1.1.2021, Day 4	Shifting and rotating			
2.1.2021	Saturday			
3.1. 2021	Sunday			
4.1.2021, Day 5	Branching/Jump instructions	ICT enabled methods	test	
5.1.2021, Day 1				
6.1.2021, Day 2	Program control. Addressing modes.	ICT enabled methods	questioning	

7.1.2021, Day 3	Memory read and write cycle.	ICT enabled methods	questioning	
8.1.2021, Day 4	Timing diagram.	ICT enabled methods	test	
9.1.2021	Saturday			
10.1.2021	Sunday			
11.1.2021, Day 5	Instruction cycle	ICT enabled methods	test	
12.1.2021, Day 1				
13.1.2021, Day 2	machine cycle and T-states.	ICT enabled methods	questioning	
14.1.2021, Day 3	Types of I/O addressing	ICT enabled methods	questioning	
15.1.2021, Day 4	Simple programs	ICT enabled methods	questioning	
16.1.2021, Day 5	Types of programming techniques	ICT enabled methods	test	
17.0.2021	Sunday			
18.1.2021, Day 1				
19.1.2021, Day 2	looping, indexing (pointers)	.Question Paper Due		
20.1.2021, Day 3	delay generation. Stack in 8085	ICT enabled methods	questioning	
21.1.2021, Day 4	call and return Instructions.	ICT enabled methods	questioning	
22.1.2021, Day 5	Data transfer between stack and microprocessor.	ICT enabled methods	test	
23.1.2021, Day 1				

24.1.2021	Sunday			
25.1.2021 – 3.2.2021 First Internal Examination				
FEBRUARY				
4.2.2021, Day 2	Subroutine and delay programs.	ICT enabled methods	questioning	
5.2.2021, Day 3	Interrupts in 8085.	ICT enabled methods	questioning	
6.2.2021	Saturday			
7.2.2021	Sunday			
8.2.2021, Day 4	Interrupt driven programs Evaluated answer sheets returns to students			
9.2.2021, Day 5	.Interfacing	ICT enabled methods	test	
10.2.2021, Day 1				
11.2.2021, Day 2	Programmable peripheral devices - 8255A, 8254, 8237 Publication of I Internal marks			
12.2.2021, Day 3	Programmable peripheral devices - 8255A, 8254, 8237	ICT enabled methods	test	
13.2.2021	Saturday			
14.2.2021	Sunday			
15.2.2021, Day 4	Introduction to 8086/88 microprocessors – overview	ICT enabled methods	questioning	
16.2.2021, Day 5	8086 internal architecture	ICT enabled methods	questioning	
17.2.2021, Day 1				
18.2.2021, Day 2	The execution unit	ICT enabled methods	test	
19.2.2021, Day 3	BIU, Registers	ICT enabled methods	test	

20.2.2021	Saturday			
21.2.2021	Sunday			
22.2.2021, Day 4	Flags, Segmentation,	ICT enabled methods	questioning	
23.2.2021, Day 5	physical address calculation	ICT enabled methods	questioning	
24.2.2021, Day 1				
25.2.2021, Day 2	physical address calculation	ICT enabled methods	questioning	
26.2.2021, Day 3	addressing modes	ICT enabled methods	questioning	
27.2.2021	Saturday			
28.2.2021	Sunday			
29.2.2021, Day 4	addressing modes	ICT enabled methods	test	
MARCH				
1.3.2021, Day 5	Revision			
2.3.2021, Day 1				
3.3.2021, Day 2	Revision			
4.3.2021, Day 3	Revision			
5.3.2021, Day 4	Revision			
6.3.2021	Saturday			
7.3.2021	Sunday			
8.3.2021, Day 5	Question paper due			
9.3.2021, Day 1				
10.3.201, Day 2	Revision			
11.3.2021	Sivarathri			
12.3.2021, Day 3	Revision			
13.3.2021	Saturday			
14.3.2021	Sunday			

15.3.2021 – 22.3.2021 Second Internal Examination				
23.3.2021, Day 4				
24.3.2021, Day 5				
25.3.2021, Day 1				
26.3.2021, Day 2	Evaluated answersheets returns to students			
27.3.2021	Saturday			
28.3.2021	Sunday			
29.3.2021, Day 3	Publication of internal marks			
30.3.2021, Day 4				
31.3.2021, Day 5	Publication of Consolidated Internal Marks			

CARMEL COLLEGE, MALA
TEACHING PLAN

Department:
Programme: UG
Semester: VI

Teacher in Charge: Greatel Francis
Subject: Nuclear Physics

Date	Day	Unit and subject	Teaching method adopted	Method of evaluation	Remarks
NOVEMBER 2019					
4.11.2019	Mon	Nuclear composition – nuclear electrons – discovery of neutron, ,Stable nuclei,	Lecture and discussion	Questioning	
5.11.2019	Tue	Study leave,Uty Exams			
6.11.2019	Wed				
7.11.2019	Thur				
8.11.2019	Fri				
9.11.2019	Sat				
10.11.2019	Sun				
11.11.2019	Mon				
12.11.2019	Tue				
13.11.2019	Wed				
14.11.2019	Thur				
15.11.2019	Fri				
16.11.2019	Sat				
17.11.2019	Sun				
18.11.2019	Mon				
20.11.2019	Wed	Nuclear properties – nuclear radii –spin and magnetic moment - nuclear magnetic resonance	Lecture and discussion	Questioning Problem solving	
21.11.2019	Thur				

22.11.2019	Fri	Binding energy, Liquid drop model - semi empirical binding energy formula- mass parabolas	Lecture and discussion	Questioning	
25.11.2019	Mon	Shell model, Meson theory of nuclear forces – discovery of pion	Lecture and Discussion Problem solving	test	
26.11.2019	Tue				
27.11.2019	Wed	Nature of Cosmic rays, the origin of cosmic rays	Ppt and discussion	Questioning	
29.11.2019	Fri	geomagnetic effects, Cosmic ray showers	Ppt and discussion	test	
DECEMBER 2019					
2.12.2019	Mon	Leptons –electron and positron- neutrinos and anti-neutrinos-other leptons	Ppt and discussion	Questioning	
4.12.2019	Wed	basic ideas on symmetries and conservation laws Hadrons resonance particles	Explanation	Questioning	
6.12.2019	Fri	Quarks -color and flavor, Fundamental interactions strangeness-isospin-electric charge- hyper charge	Ppt and discussion Problem solving	Questioning	
9.12.2019	Mon	Elementary particle quantum numbers-baryon number- lepton number	Ppt and discussion	test	
11.12.2019	Wed	electrostatic accelerators-cyclic accelerators	Ppt and explanation	Questioning	
13.12.2019	Fri	the linear accelerator, the cyclotron	Ppt and video	test	
18.12.2019	Wed	the betatron, the electron synchrotron	Explanation	test	
19.12.2019	Thur				

20.12.2019	Fri	Christmas holidays			
30.12.2019	Mon				
JANUARY 2020					
1.1.2020	Wed	Stellar magnitudes an sequences, The bolometric magnitude Absolute magnitude	Explanation		Questn paper due
2.1.2020	Thur	Mannam Jayanthi			
3.1.2020	Fri	Differnt magnitude standards, The colour index of a star	discussion	Questioning	
6.1.2020 – 14.1.2020 FIRST INTERNAL EXAMINATION – VI Semester					
15.1.2020	Wed	Luminosities of stars, Stellar parallax and the units of stellar distances	Explanation And discussion Problem solving	Questioning	
17.1.2020	Fri	Evaluated answer sheets returns to students			
20.1.2020	Mon	The celestial co-ordinates	Explanation And discussion	Questioning	
21.1.2020	Tue	Publication of internal I Internal marks			
22.1.2020	Wed	Stellar positions	Explanation And discussion	Questioning	
24.1.2020	Fri	A Qualitative study on stellar positions and constellations	Explanation And discussion	Questioning	
27.1.2020	Mon	Interactions of radiation with matter – fundamental ideas	Explanation And discussion	Questioning	
29.1.2020	Wed	, Gas filled counters- ionization chamber – proportional counter	Ppt and explanation	Questioning	

31.1.2020	Fri	G.M. counter, Cloud chamber, Bubble chamber	Ppt and explanation	test	
			FEBRUARY 2020		
3.2.2020	Mon	Semiconductor detectors and scintillation counters	Ppt and explanation	test	
7.2.2020	Fri	Question paper due			
11.2.2020	Tue	Project Submission, Mock Viva			
		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 12.2.2020- 19.2.2020 SECOND INTERNAL EXAMINATION – VI Semester </div>			
20.2.2020	Thur	Evaluated answer sheets to students			
21.2.2020	Fri	Sivarathri			
24.2.2020	Mon	Publication of internal consolidated internal marks			
			MARCH 2020		
3.3.2020	Tue	End Semester examination begins			

CARMEL COLLEGE, MALA
TEACHING PLAN 2019 - 2020

Department: PHYSICS
Programme: UG
Semester: V

Teacher in Charge: Greatel Francis
Subject: Quantum Mechanics

Date	Day	Unit and subject	Teaching method adopted	Method of evaluation	Remarks
6-Jun-19	Thursday	Introduction	explanation	questioning	
7-Jun-19	Friday	Quantum mechanics	explanation	questioning	
12-Jun-19	Wednesday	wave particle duality	explanation	questioning	
13-Jun-19	Thursday	Compton Effect & its demonstration	Discussion Problem solving	test	
14-Jun-19	Friday	Wave Properties Of Particles	Explanation	questioning	
19-Jun-19	Wednesday	De Broglie waves	Discussion Problem solving	questioning	
20-Jun-19	Thursday	waves of probability	Explanation	questioning	
21-Jun-19	Friday	Problems	Discussion Problem solving	questioning	
22-Jun-19	Saturday				
26-Jun-19	Wednesday	Pair production	explanation	questioning	
27-Jun-19	Thursday	photons & gravity	explanation	questioning	
28-Jun-19	Friday	Problems	Discussion Problem solving	questioning	
3-Jul-19	Wednesday	phase velocity	Explanation and discussion Problem solving	questioning	
4-Jul-19	Thursday	group velocity	Explanation and discussion	questioning	

			Problem solving		
5-Jul-19	Friday	Problems	Discussion Problem solving	questioning	
10-Jul-19	Wednesday	Uncertainty principle I	discussion	Questioning Problem solving	
11-Jul-19	Thursday	Uncertainty principle II	discussion	Questioning Problem solving	
12-Jul-19	Friday	Problems	Discussion Problem solving	questioning	
17-Jul-19	Wednesday	Problems	Discussion Problem solving	questioning	
18-Jul-19	Thursday	Applying the uncertainty principle	explanation	questioning	
19-Jul-19	Friday	Energy & time uncertainty	explanation	questioning	
24-Jul-19 – 30-Jul-19 FIRST INTERNAL EXAMINATION – III Semester					
24-Jul-19	Wednesday	applications	explanation	questioning	
25-Jul-19	Thursday	problems	Discussion Problem solving	questioning	
26-Jul-19	Friday	Electron Microscope	explanation	questioning	
31-Jul-19	Wednesday	Schrodinger equation for the hydrogen atom	explanation	questioning	
1-Aug-19	Thursday	separation of variables	explanation	questioning	
2-Aug-19	Friday	Problems	Discussion Problem solving	questioning	
5-Aug-19	Monday	Evaluated answer sheets returns to students			
6-Aug-19	Tuesday				
7-Aug-19	Wednesday	Problems	Discussion Problem solving	questioning	

8-Aug-19	Thursday	Publication of internal I Internal marks			
9-Aug-19	Friday	Problems	Discussion Problem solving	questioning	
14-Aug-19	Wednesday	Photoelectric effect	Explanation	Problem solving	
15-Aug-19	Thursday	nature of light	Explanation	Problem solving	
16-Aug-19	Friday	Problems	Discussion Problem solving	questioning	
21-Aug-19	Wednesday	black body radiation,	Discussion	test	
22-Aug-19	Thursday	ultraviolet catastrophe	Discussion	test	
23-Aug-19	Friday	Problems	Discussion Problem solving	questioning	
28-Aug-19	Wednesday	Problems	Discussion Problem solving	questioning	
29-Aug-19	Thursday	Problems	Discussion Problem solving	questioning	
30-Aug-19	Friday	Problems	Discussion Problem solving	questioning	
4-Sep-19	Wednesday	particle diffraction	Explanation Problem solving	questioning	
5-Sep-19	Thursday	Davisson And Germer experiment	Explanation and discussion	test	
6-Sep-19	Friday	Problems	Discussion Problem solving	questioning	
11-Sep-19	Wednesday	quantum numbers	Explanation and discussion	test	
12-Sep-19	Thursday	principal quantum number	Explanation and discussion	test	
13-Sep-19	Friday	Problems	Discussion	questioning	

			Problem solving		
18-Sep-19	Wednesday	orbital quantum number	Explanation and discussion	questioning	
19-Sep-19	Thursday	magnetic quantum number,	Explanation and discussion	questioning	
20-Sep-19	Friday	Problems	Discussion Problem solving	questioning	
25-Sep-19	Wednesday	electron probability density	Explanation and discussion	questioning	
26-Sep-19	Thursday	Problems	Discussion Problem solving	questioning	
27-Sep-19	Friday	radiative transitions	Explanation and discussion	questioning	
1-Oct-19	Tuesday				
2-Oct-19	Wednesday	selection rules, Zeeman effect,	Explanation Problem solving	questioning	
3-Oct-19	Thursday	electron spin, exclusion principle,	Explanation and discussion	questioning	
4-Oct-19	Friday	Stern-Gerlach experiment	Explanation and discussion	questioning	
9-Oct-19	Wednesday	Revision		Test	
10-Oct-19	Thursday	Revision		Test	
11-Oct-19	Friday	Revision		Test	
14-Oct-19 – 18-Oct-19 SECOND INTERNAL EXAMINATION – III Semester					
23-Oct-19	Wednesday	Evaluated answer sheets returns to students			
31-Oct-19	Thursday	Publication of II Internal marks			

CARMEL COLLEGE, MALA
TEACHING PLAN 2019 - 2020

Department: PHYSICS
Programme: UG
Semester: III

Teacher in Charge: Greatel Francis
Subject: Mechanics

Date	Day	Unit and subject	Teaching method adopted	Method of evaluation	Remarks
11-Jun-19	Tuesday	Constraints, Generalized co-ordinates	explanation	questioning	
18-Jun-19	Tuesday	Principle of virtual work, D'Alembert's principle	Explanation	questioning	
25-Jun-19	Tuesday	Lagrange's equations	Discussion Problem solving	test	
2-Jul-19	Tuesday	Kinetic energy in generalized co-ordinates	explanation	questioning	
9-Jul-19	Tuesday	Generalized momentum, Cyclic co-ordinates	Explanation and discussion Problem solving	questioning	
16-Jul-19	Tuesday	Conservation laws and symmetry properties	discussion	Questioning Problem solving	
23-Jul-19	Tuesday	Hamiltonian of a system	explanation	questioning	
24-Jul-19 – 30-Jul-19 FIRST INTERNAL EXAMINATION – III Semester					
30-Jul-19	Tuesday	Electromagnetism and Galilean transformation	explanation	questioning	
5-Aug-19	Monday	Evaluated answer sheets returns to students			
6-Aug-19	Tuesday	Michelson Morley experiment,	explanation	questioning	

		Ether hypothesis			
7-Aug-19	Wednesday				
8-Aug-19	Thursday	Publication of internal I Internal marks			
13-Aug-19	Tuesday	Postulates of Special Theory of Relativity	Explanation	Problem solving	
20-Aug-19	Tuesday	Geometrical interpretation of Lorentz transformation, Principle of covariance,	Explanation	Questioning	Problem solving
27-Aug-19	Tuesday	Four-vectors in Mechanics	explanation	questioning	
3-Sep-19	Tuesday	Length contraction, Time dilation, Simultaneity,	Explanation Problem solving	questioning	
10-Sep-19	Tuesday	Mass in relativity, Mass and energy	explanation	Questioning	Problem solving
17-Sep-19	Tuesday	Space time diagram	Explanation and discussion	test	
24-Sep-19	Tuesday	Lorentz transformation equations	explanation	questioning	
1-Oct-19	Tuesday	Velocity transformation	Explanation Problem solving	questioning	
8-Oct-19	Tuesday	Revision			
14-Oct-19 – 18-Oct-19 SECOND INTERNAL EXAMINATION – III Semester					
23-Oct-19	Wednesday	Evaluated answer sheets returns to students			
31-Oct-19	Thursday	Publication of II Internal marks			

CARMEL COLLEGE, MALA
TEACHING PLAN 2019 - 2020

Department:
Programme: UG
Semester: II

Teacher in Charge: Greatel Francis
Subject: Mechanics

Date	Day	Unit and subject	Teaching method adopted	Method of evaluation	Remarks
NOVEMBER					
20.11.2019	Wed	Introduction and review	explanation	questioning	
27.11.2019	Wed	Standard form of the solution – Nomenclature	Explanation	questioning	
DECEMBER					
4.12.2019	Wed	Initial conditions and the frictionless harmonic oscillator	Discussion Problem solving	test	
11.12.2019	Wed	Energy considerations – Time average values – Average energy	explanation	questioning	
18.12.2019	Wed	Damped harmonic oscillator – Energy and Q-factor – Q factor of two simple oscillators –	Explanation and discussion Problem solving	questioning	
25.12.2019	Wed	Graphical analysis of a damped oscillator	discussion	Questioning Problem solving	
JANUARY					
4.1.2020	Wed	Solution of the equation of motion for the damped oscillator –	Explanation and discussion	Questioning Problem solving	
11.1.2020	Wed	Forced harmonic oscillator	Explanation	test	

		Resonance	and discussion		
14.1.2020	Sat	Question paper due			
18.1.2020	Wed	Harmonic traveling waves in one dimension	Explanation	Questioning Problem solving	
		20.1.2020 – 27.1.2020 First Internal Examination			
29.1.2020	Wed	Index of refraction and dispersion	Explanation	Problem solving	
30.1.2020	Thur			Evaluated answer sheets returns to students	
		FEBRUARY			
3.2.2020	Mon	Publication of internal I Internal marks			
5.2.2020	Wed	Impedance and energy flux	Explanation and discussion	test	
12.2.2020	Wed	Pulses – Fourier analysis of pulses	explanation	questioning	
19.2.2020	Wed	Fourier analysis of a traveling wave packet	Explanation Problem solving	questioning	
26.2.2020	Wed	phase velocity, Group velocity	explanation	Questioning Problem solving	
		MARCH			
3.3.2020	Tue	Question paper due			
4.3.2020	Wed	Undamped forced oscillator	Explanation and discussion	test	
		9.3.2020 – 16.3.2020 Second Internal Examination			
18.3.2020	Wed	Revision			

20.3.2020	Fri	Evaluated answer sheets return to students		
25.3.2020	Wed	Revision		
26.3.2020	Thur	Publication of consolidated internal marks		

Teaching Plan : Greatel Francis 2018-19

Mechanics(1hr/week)

Month	Topic	books
June	Constraints, Generalized co-ordinates, Principle of virtual work, D'Alembert's principle, Lagrange's equations, Kinetic energy in generalized co-ordinates	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
July	Generalized momentum, Cyclic co-ordinates, Conservation laws and symmetry properties Hamiltonian of a system	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
August	Electromagnetism and Galilean transformation, Michelson Morley experiment, Ether hypothesis, Postulates of Special Theory of Relativity, ,	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
September	Geometrical interpretation of Lorentz transformation, Principle of covariance, Four-vectors in Mechanics Lorentz transformation equations, Velocity transformation, Length contraction, Time dilation, Simultaneity, Mass in relativity, Mass and energy ,Space time diagram.	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
October	Examination	

Quantum Mechanics(4hrs/week)

Month	Topic	Books
June	Particle Properties of Waves 8 hours Max marks 20 Electromagnetic waves, black body radiation, ultraviolet catastrophe, Photoelectric effect, nature of light, wave particle duality, Compton Effect & its demonstration. Pair production, photons & gravity. Wave Properties Of Particles De Broglie waves, waves of probability, phase velocity & group velocity, particle diffraction, Davisson And Germer experiment, Electron Microscope, Uncertainty principle I, Uncertainty principle II, Applying the uncertainty principle, Energy & time uncertainty	Modern Physics Arthur Beiser

July	The Bohr atom-energy levels and spectra, correspondence principle, nuclear motion, atomic excitation, Frank-Hertz Classical mechanics is an approximation of quantum mechanics, wave function, Schrodinger equation-time dependant form, linearity & super position, expectation values, operators, Schrodinger equation-steady state form	Modern Physics Arthur Beiser
August	eigen values & eigen functions, postulates of quantum mechanics, particle in a box, finite potential well, tunnel effect-scanning tunneling microscope, harmonic oscillator wave function, energy levels, zero point energy Schrodinger equation for the hydrogen atom, separation of variables	Modern Physics Arthur Beiser
September	quantum numbers, principal quantum number, orbital quantum number, magnetic quantum number, electron probability density,	Modern Physics Arthur Beiser
October	Examination	

Open Course(1hr/week)

Month	Topic	Books
June	Solar constants, Solar radiation measurements, solar energy collector, Physical principle of the conversion of solar radiation in to heat,	Non conventional sources of Energy by G D Rai,Khanna publishers
July	solar cookers, solar distillation, solar furnaces, solar greenhouses, solar electric power generation	Non conventional sources of Energy by G D Rai,Khanna publishers
August	Ocean thermal electric conversion. Energy from tides, Basic principle of tidal power, advantages and limitation of tidal power generation.	Non conventional sources of Energy by G D Rai,Khanna publishers
September	advantages and disadvantages of wave energy wave energy conversion devices. batteries, advantages of battery for bulk energy storage	Non conventional sources of Energy by G D Rai,Khanna publishers
October	Examination	

Properties of matter, waves, and acoustics (2hrs/week)

Month	Topic	Books
November	Elasticity:, Work Done per Unit Volume, Relations between elastic , Twisting Couple on a Cylinder (or a Wire), Torsion pendulum, Determination of Rigidity Modulus, Bending of Beams, Bending Moment, Cantilever Loaded at Free End, Depression of a Beam Supported at the Ends and Loaded at the middle,Determination of Y by Bending of a Beam, I form of Girders.	Elements of Properties of Matter by D.S. Mathur)
December	Simple Harmonic Motion and Harmonic Oscillator, Energy of a Harmonic Oscillator, Examples of Harmonic Oscillator, Anharmonic Oscillator,Composition of Two Simple Harmonic Motions of Equal Periods in a Straight Line, Lissajous Figures, Damping Force, Damped Harmonic Oscillator, Examples, Power Dissipation, Quality Factor, Forced Harmonic Oscillator	Mechanics by J.C Upadhyaya
january	Wave Motion, General Equation, Plane Progressive Harmonic Wave, Energy Density Intensity of a Wave, Transverse Waves in Stretched Strings, Modes of Vibrations, Longitudinal Waves in Rods and Gases, Fourier's Theorem, Wave Velocity and Group Velocity	Mechanics by J.C Upadhyaya
February	Intensity of Sound- Decibel and Bel, Loudness of Sound, Noise Pollution, Ultrasonics: Production of Ultrasonic Waves- Piezo Electric Crystal Method, Velocity of Ultrasonic Acoustic Grating , Application of Ultrasonic Waves, Reverberation, Sabine's Formula Absorption Coefficient, Acoustics of Buildings	Properties of Matter and Acoustics by R.Murugeshan & Kiruthiga Sivaprasath
March	Examination	

Microprocessor (3hrs/week)

Month	Topic	Books
November	Introduction-Intel 8085 ALU-timing and control unit –registers-flags-stack-data and address bus –pin configuration –Intel 8085	Fundamentals of microprocessors and microcomputers -

	instruction –opcode –operand-instruction cycle- machine cycle-timing Diagram Instruction set of Intel 8085 Data transfer group- arithmetic group-logical-branch control-I/O and machine control-addressing	B.RAM.
December	Decimal number system-binary-conversion of binary to decimal-binary addition and subtraction –BCD-hexadecimal number system-1’s compliment-2’s complimentconversion-logic gates –tristate logic gates-buffer-encoders-decoders	Fundamentals of microprocessors and microcomputers
january	Introduction, simplified microcomputer architecture-word length of a computer or microprocessor hardware and firmware-CPU-memory-cache memory-flash memory microcomputer bus architecture memory addressing capacity of CPU-operating system- artificial intelligence-array processors-vector processor.	Fundamentals of microprocessors and microcomputers
February	Programs	Fundamentals of microprocessors and microcomputers
March	Examination	

Teaching Plan : Greatel Francis 2017-18

Mechanics(1hr/week)

Month	Topic	books
June	Constraints, Generalized co-ordinates, Principle of virtual work, D'Alembert's principle, Lagrange's equations, Kinetic energy in generalized co-ordinates	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
July	Generalized momentum, Cyclic co-ordinates, Conservation laws and symmetry properties Hamiltonian of a system	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
August	Electromagnetism and Galilean transformation, Michelson Morley experiment, Ether hypothesis, Postulates of Special Theory of Relativity, ,	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
September	Geometrical interpretation of Lorentz transformation, Principle of covariance, Four-vectors in Mechanics Lorentz transformation equations, Velocity transformation, Length contraction, Time dilation, Simultaneity, Mass in relativity, Mass and energy ,Space time diagram.	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
October	Examination	

Quantum Mechanics(4hrs/week)

Month	Topic	Books
June	Particle Properties of Waves 8 hours Max marks 20 Electromagnetic waves, black body radiation, ultraviolet catastrophe, Photoelectric effect, nature of light, wave particle duality, Compton Effect & its demonstration. Pair production, photons & gravity. Wave Properties Of Particles De Broglie waves, waves of probability, phase velocity & group velocity, particle diffraction, Davisson And Germer experiment, Electron Microscope, Uncertainty principle I, Uncertainty principle II, Applying the uncertainty principle, Energy & time uncertainty	Modern Physics Arthur Beiser

July	The Bohr atom-energy levels and spectra, correspondence principle, nuclear motion, atomic excitation, Frank-Hertz Classical mechanics is an approximation of quantum mechanics, wave function, Schrodinger equation-time dependant form, linearity & super position, expectation values, operators, Schrodinger equation-steady state form	Modern Physics Arthur Beiser
August	eigen values & eigen functions, postulates of quantum mechanics, particle in a box, finite potential well, tunnel effect-scanning tunneling microscope, harmonic oscillator wave function, energy levels, zero point energy Schrodinger equation for the hydrogen atom, separation of variables	Modern Physics Arthur Beiser
September	quantum numbers, principal quantum number, orbital quantum number, magnetic quantum number, electron probability density,	Modern Physics Arthur Beiser
October	Examination	

Open Course(1hr/week)

Month	Topic	Books
June	Solar constants, Solar radiation measurements, solar energy collector, Physical principle of the conversion of solar radiation in to heat,	Non conventional sources of Energy by G D Rai,Khanna publishers
July	solar cookers, solar distillation, solar furnaces, solar greenhouses, solar electric power generation	Non conventional sources of Energy by G D Rai,Khanna publishers
August	Ocean thermal electric conversion. Energy from tides, Basic principle of tidal power, advantages and limitation of tidal power generation.	Non conventional sources of Energy by G D Rai,Khanna publishers
September	advantages and disadvantages of wave energy wave energy conversion devices. batteries, advantages of battery for bulk energy storage	Non conventional sources of Energy by G D Rai,Khanna publishers
October	Examination	

Properties of matter,waves, and acoustics (2hrs/week)

Month	Topic	Books
November	Elasticity:, Work Done per Unit Volume, Relations between elastic , Twisting Couple on a Cylinder (or a Wire), Torsion pendulum, Determination of Rigidity Modulus, Bending of Beams, Bending Moment, Cantilever Loaded at Free End, Depression of a Beam Supported at the Ends and Loaded at the middle,Determination of Y by Bending of a Beam, I form of Girders.	Elements of Properties of Matter by D.S. Mathur)
December	Simple Harmonic Motion and Harmonic Oscillator, Energy of a Harmonic Oscillator, Examples of Harmonic Oscillator, Anharmonic Oscillator,Composition of Two Simple Harmonic Motions of Equal Periods in a Straight Line, Lissajous Figures, Damping Force, Damped Harmonic Oscillator, Examples, Power Dissipation, Quality Factor, Forced Harmonic Oscillator	Mechanics by J.C Upadhyaya
january	Wave Motion, General Equation, Plane Progressive Harmonic Wave, Energy Density Intensity of a Wave, Transverse Waves in Stretched Strings, Modes of Vibrations, Longitudinal Waves in Rods and Gases, Fourier's Theorem, Wave Velocity and Group Velocity	Mechanics by J.C Upadhyaya
February	Intensity of Sound- Decibel and Bel, Loudness of Sound, Noise Pollution, Ultrasonics: Production of Ultrasonic Waves- Piezo Electric Crystal Method, Velocity of Ultrasonic Acoustic Grating , Application of Ultrasonic Waves, Reverberation, Sabine's Formula Absorption	Properties of Matter and Acoustics by R.Murugeshan&KiruthigaSivaprasath

	Coefficient, Acoustics of Buildings	
March	Examination	

Microprocessor (3hrs/week)

Month	Topic	Books
November	Introduction-Intel 8085 ALU-timing and control unit –registers-flags-stack-data and address bus –pin configuration –Intel 8085 instruction –opcode –operand-instruction cycle- machine cycle-timing Diagram Instruction set of Intel 8085 Data transfer group- arithmetic group-logical-branch control-I/O and machine control-addressing	Fundamentals of microprocessors and microcomputers - B.RAM.
December	Decimal number system-binary-conversion of binary to decimal-binary addition and subtraction –BCD-hexadecimal number system-1’s compliment-2’s complimentconversion-logic gates –tristate logic gates-buffer-encoders-decoders	Fundamentals of microprocessors and microcomputers
january	Introduction, simplified microcomputer architecture-word length of a computer or microprocessor hardware and firmware-CPU-memory-cache memory-flash memory microcomputer bus architecture memory addressing capacity of CPU-operating system- artificial intelligence-array processors-vector processor.	Fundamentals of microprocessors and microcomputers
February	Programs	Fundamentals of microprocessors and microcomputers
March	Examination	

Teaching Plan : Greatel Francis 2016-17

Mechanics(1hr/week)

Month	Topic	books
June	Constraints, Generalized co-ordinates, Principle of virtual work, D'Alembert's principle, Lagrange's equations, Kinetic energy in generalized co-ordinates	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
July	Generalized momentum, Cyclic co-ordinates, Conservation laws and symmetry properties Hamiltonian of a system	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
August	Electromagnetism and Galilean transformation, Michelson Morley experiment, Ether hypothesis, Postulates of Special Theory of Relativity, ,	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
September	Geometrical interpretation of Lorentz transformation, Principle of covariance, Four-vectors in Mechanics Lorentz transformation equations, Velocity transformation, Length contraction, Time dilation, Simultaneity, Mass in relativity, Mass and energy ,Space time diagram.	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
October	Examination	

Quantum Mechanics(4hrs/week)

Month	Topic	Books
June	Particle Properties of Waves 8 hours Max marks 20 Electromagnetic waves, black body radiation, ultraviolet catastrophe, Photoelectric effect, nature of light, wave particle duality, Compton Effect & its demonstration. Pair production, photons & gravity. Wave Properties Of Particles De Broglie waves, waves of probability, phase velocity & group velocity, particle diffraction, Davisson And Germer experiment, Electron Microscope, Uncertainty principle I, Uncertainty principle II, Applying the uncertainty principle, Energy & time uncertainty	Modern Physics Arthur Beiser

July	The Bohr atom-energy levels and spectra, correspondence principle, nuclear motion, atomic excitation, Frank-Hertz Classical mechanics is an approximation of quantum mechanics, wave function, Schrodinger equation-time dependant form, linearity & super position, expectation values, operators, Schrodinger equation-steady state form	Modern Physics Arthur Beiser
August	eigen values & eigen functions, postulates of quantum mechanics, particle in a box, finite potential well, tunnel effect-scanning tunneling microscope, harmonic oscillator wave function, energy levels, zero point energy Schrodinger equation for the hydrogen atom, separation of variables	Modern Physics Arthur Beiser
September	quantum numbers, principal quantum number, orbital quantum number, magnetic quantum number, electron probability density,	Modern Physics Arthur Beiser
October	Examination	

Open Course(1hr/week)

Month	Topic	Books
June	Solar constants, Solar radiation measurements, solar energy collector, Physical principle of the conversion of solar radiation in to heat,	Non conventional sources of Energy by G D Rai,Khanna publishers
July	solar cookers, solar distillation, solar furnaces, solar greenhouses, solar electric power generation	Non conventional sources of Energy by G D Rai,Khanna publishers
August	Ocean thermal electric conversion. Energy from tides, Basic principle of tidal power, advantages and limitation of tidal power generation.	Non conventional sources of Energy by G D Rai,Khanna publishers
September	advantages and disadvantages of wave energy wave energy conversion devices. batteries, advantages of battery for bulk energy storage	Non conventional sources of Energy by G D Rai,Khanna publishers
October	Examination	

Properties of matter,waves, and acoustics (2hrs/week)

Month	Topic	Books
November	Elasticity:, Work Done per Unit Volume, Relations between elastic , Twisting Couple on a Cylinder (or a Wire), Torsion pendulum, Determination of Rigidity Modulus, Bending of Beams, Bending Moment, Cantilever Loaded at Free End, Depression of a Beam Supported at the Ends and Loaded at the middle,Determination of Y by Bending of a Beam, I form of Girders.	Elements of Properties of Matter by D.S. Mathur)
December	Simple Harmonic Motion and Harmonic Oscillator, Energy of a Harmonic Oscillator, Examples of Harmonic Oscillator, Anharmonic Oscillator,Composition of Two Simple Harmonic Motions of Equal Periods in a Straight Line, Lissajous Figures, Damping Force, Damped Harmonic Oscillator, Examples, Power Dissipation, Quality Factor, Forced Harmonic Oscillator	Mechanics by J.C Upadhyaya
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	Coefficient, Acoustics of Buildings	
March	Examination	

Microprocessor (3hrs/week)

Month	Topic	Books
November	Introduction-Intel 8085 ALU-timing and control unit –registers-flags-stack-data and address bus –pin configuration –Intel 8085 instruction –opcode –operand-instruction cycle- machine cycle-timing Diagram Instruction set of Intel 8085 Data transfer group- arithmetic group-logical-branch control-I/O and machine control-addressing	Fundamentals of microprocessors and microcomputers - B.RAM.
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january	Introduction, simplified microcomputer architecture-word length of a computer or microprocessor hardware and firmware-CPU-memory-cache memory-flash memory microcomputer bus architecture memory addressing capacity of CPU-operating system- artificial intelligence-array processors-vector processor.	Fundamentals of microprocessors and microcomputers
February	Programs	Fundamentals of microprocessors and microcomputers
March	Examination	

Teaching Plan : Greatel Francis 2015-16

Mechanics(1hr/week)

Month	Topic	books
June	Constraints, Generalized co-ordinates, Principle of virtual work, D'Alembert's principle, Lagrange's equations, Kinetic energy in generalized co-ordinates	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
July	Generalized momentum, Cyclic co-ordinates, Conservation laws and symmetry properties Hamiltonian of a system	Classical Mechanics by Takwale and Puranik Mechanics by J C Upadhyaya
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Quantum Mechanics(4hrs/week)

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Properties of matter,waves, and acoustics (2hrs/week)

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	Coefficient, Acoustics of Buildings	
March	Examination	

Microprocessor (3hrs/week)

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February	Programs	Fundamentals of microprocessors and microcomputers
March	Examination	



CARMEL COLLEGE, MALA

Policy Documents



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1. ACADEMIC POLICY

A ceaseless drive to impart quality education by ensuring a conducive learning and research environment has always been the impetus behind every academic endeavour of the college. Meticulous and well-crafted measures are undertaken to plan, implement, evaluate, and refine the policy, procedures and practices that pertain to the institution's vision on education. Under this policy, the institution shall,

1. Entrust the preparation of an academic calendar by the Academic Calendar Committee in concurrence with the academic schedule issued by the affiliating University and avail the same to staff and students in the college handbook
2. Ascertain the submission of the Action Plan for the academic year by each department to the IQAC
3. Ensure that each department complies with the requirements of the policy and that the Heads of the departments duly allocate the syllabus and workload to faculty as per their preference and expertise before the commencement of a semester
4. Ensure the preparation and submission of teaching plan and Teacher's Diary by the faculty to the IQAC within the stipulated time
5. Assure curriculum enrichment through introducing certificate and value-added courses, add-on courses and the like
6. Entrust each class with a tutor and each student with a mentor to assist and monitor the academic and personal growth of students
7. Advocate and implement student-centric and innovative teaching-learning methods supplemented by ICT to engender the effectual transfer and creation of knowledge
8. Appraise the academic performance of students through internal examinations, attendance/classroom performance, seminar presentations/viva voce, assignments for each course as mandated in the curriculum

9. Ensure consistent care and remedial coaching to the slow learners in academics
10. Implement learner-centric government initiatives like SSP, WWS, ASAP, scholarships, and e-grants for students
11. Ascertain the systematic and smooth conduct of the internal and the end-semester University examinations by the Examination Committee
12. Ensure timely and transparent assessment of answer scripts and publication of consolidated internal examination mark list on the notice board of departments
13. Ensure prompt redressal of genuine grievances raised by students on matters related to curriculum delivery, assessment and feedback or requirements of physical resources to carry out learning
14. Arrange compensatory classes for unforeseen loss of working days to ensure the timely completion of the curriculum
15. Encourage seminars, workshops, training sessions, field visits and collaborative engagements with reputed institutions/industries/firms that will secure practical and experiential knowledge for learners
16. Promote faculty-student exchange programmes
17. Ensure the conduct of general PTA meetings and department/class PTA meetings
18. Ensure periodic evaluation of the progress in curriculum delivery at the faculty and department level
19. Administer an exhaustive evaluation of curriculum delivery by each department through the IQAC and Academic Coordinators
20. Conduct annual internal and external Academic Audit of each department monitored by the IQAC and an external panel of experts respectively
21. Entrust each faculty and department to collect feedback from students on the effectiveness of teaching methodology and the general functioning of the department
22. Collect, codify, and assess the feedback collected from all stakeholders on various parameters through the IQAC and undertake measures for necessary amendments and improvements

23. Conduct Student Satisfaction Survey through the IQAC
24. Communicate suggestions for improvements in curriculum, based on stakeholders' feedback, to the Board of Studies of the University through the faculty of the institution representing the Body

3. STUDENT SUPPORT AND ACTIVITIES POLICY

Students are the prime stakeholders and beneficiaries of all educational institutions. Grooming a committed and erudite learner community adept in channelling their knowledge and skills for the larger benefit of society and nation is therefore significant.

With this objective at the forefront, the institution promotes and secures ample resourceful avenues for students of diversity to engage in superior learning and self-growth. Under this policy, the institution shall,

1. Implement measures to safeguard the rights, dignity, and privileges of the student community
2. Ensure that discrimination, verbal or behavioural, on grounds of difference in caste, religion, colour, nationality, gender, sexual orientation, and social status is not tolerated
3. Adapt and practice student-centric, ICT enabled, collaborative and experiential teaching-learning pedagogy
4. Assure effectual communication between students and facilitators through formally instituted systems such as student advisor, tutorial and mentoring and student-friendly initiatives like 'Meet with the Principal', and Suggestion Box
5. Ensure decentralization and active representation of students in academic/decision-making bodies such as College Union, IQAC etc.
6. Promote participation in various academic, career-oriented and skill development programmes and coaching classes on PSC, Bank, Civil Service, and NET organized by the institution at subsidized/ free of cost
7. Extend the benefit of scholarships and freeships issued by the Central/State government or other funding agencies to deserving students
8. Award scholarships and endowments instituted by the Management and benefactors of the institution to worthy candidates

9. Upgrade and maintain infrastructural facilities and other amenities to promote study, leisure, and active involvement in co-curricular and extracurricular activities
10. Ascertain fair and transparent conduct of examinations and timely assessment monitored by the Examination Committee
11. Ensure provision for special coaching and remedial classes for the needy and slow-learners to stimulate improved learning
12. Implement learner-centric government initiatives like SSP, WWS and ASAP to the benefit of aspiring students
13. Acknowledge outstanding student achievements in academics, arts, and sports pursuits in the formal gatherings
14. Promote the quest for knowledge and drive for excellence by rewarding Best Outgoing Student, Best Dissertation, Best Library User and Semester Wise Topper in Academics
15. Promote the research acumen of students through the conduct of quality seminars/webinars and workshops and encourage paper presentations and publications
16. Provide exposure to governmental/non-governmental organizations, media houses and industries and support research collaborations with recognized institutes/industries/NGOs
17. Endeavour to foster the scientific temper of students through the publication of their original research papers in Carmel Bloom – Journal of Multidisciplinary Research published by the college
18. Arrange hostel facility for students from distant places, particularly, overseas students
19. Ensure provision to avail travel concession
20. Secure safety measures including security guards, fire safety system, CC TV cameras, identity verification mechanism, register of visitors, helpline numbers
21. Extend free hostel facility, sports kit and freeships to sports students
22. Provide medical assistance, as first-aid, sick room, nearby hospital facilities to the needy and free medical camps
23. Extend the benefit of the 'Smart Campus' initiative

24. Ensure active functioning of student- support bodies like Anti-Ragging Cell, ICC, and Grievance Redressal Cell and treat any cases of violation/harassment/grievance brought to the notice of authority with the utmost solemnity
25. Encourage active student enrollment and participation in sports, NSS, NCC, AICUF, other Clubs/Forums
26. Encourage the conduct of events and programmes undertaken by the College Union, Department Associations, Clubs and Forums that are recreational, educative and community-centred.
27. Encourage student participation in various events and competitions, fests organized within and outside the institution
28. Accord sanction to the departments to raise financial resources to assist a needy/sick student or family in a dire situation
29. Endorse inclusivity and maintain a barrier-free, differently-abled friendly campus
30. Encourage faculty@home initiative to foster a cordial and enhanced teacher-student relationship
31. Provide counselling, value education, sessions on ethical living and other rejuvenating programmes for the personality enrichment of students
32. Promote student's engagements with the community through extension/outreach programmes
33. Provide yoga and relaxation therapy and self-defence classes under the aegis of various units and clubs
34. Extend platforms for conducting career guidance class and campus drive under the auspices of Career Guidance and Placement Cell
35. Ensure easy access to the well-stocked, fully automated library and free internet facility to students

36. Promote the artistic and creative flair of students through the annual publication of Carmel Glow and other hand-written student's magazines
37. Organize Life Guidance programme, annually, for all outgoing students
38. Extend the benefit of Carmel Extension Center for Women and ED club to hone the entrepreneurial skills of students
39. Comply with the regulations of UGC for the conduct of study tours/excursions to ensure the safety of students
40. Collect students' feedback and satisfaction survey on the effectiveness of the institution's academic and administrative policies and practices, and implement necessary reforms wherever required

8. MENTORING POLICY

Mentoring forms an integral part of how educators engage in a constructive and purposeful relationship with the students to assure their holistic development. The institution foregrounds the need to assist each student in personal and academic growth and to soothe the individual into emotional resilience and self-sufficiency through a well-crafted mentor-mentee system. Under this policy, the Institution shall,

1. Orient the full-time faculty turned mentors on the purpose and process of effective mentoring to equip them with the requisite skills and resources
2. Entrust a mentor with a maximum of 16 -20 mentees based on the student strength at the time, to guide during the span of their study in the college
3. Ensure that the mentors comply with the procedure of mentoring policy in all honesty
4. Ensure that the mentor invests time and effort to engage in proactive communication and render informed guidance/advice for the personal and academic progress of mentees
5. Monitor the regularity of meetings and follow-ups by mentors with mentees and the mentor's diary maintained
6. Ensure that the confidentiality of communication between mentor-mentee is maintained
7. Affirm that mentors maintain non-judgmental relationships and sustain the role of trusted advisor to the mentee
8. Treat any violation of confidentiality with stringent action
9. Address and redress issues raised on the lack or inconsistency of support from the part of the mentor, if any, brought to the attention of the Tutor/Head or Principal with immediacy

10. Ensure that the issues raised by the mentees beyond the obligation of mentor to advice/guide on are brought to the immediate knowledge of authority concerned to ensure the proper channels of assistance and counselling.



CARMEL COLLEGE, MALA

Nationally Re-accredited with 'A' grade (Third Cycle)

Thrissur Dt., Kerala- 680732, Ph:04802890247, Fax: 04802890247

E-mail: carmelcollege@rediffmail.com, Website: www.carmelcollegemala.ac.in



Criteria VI

Governance, Leadership and Management

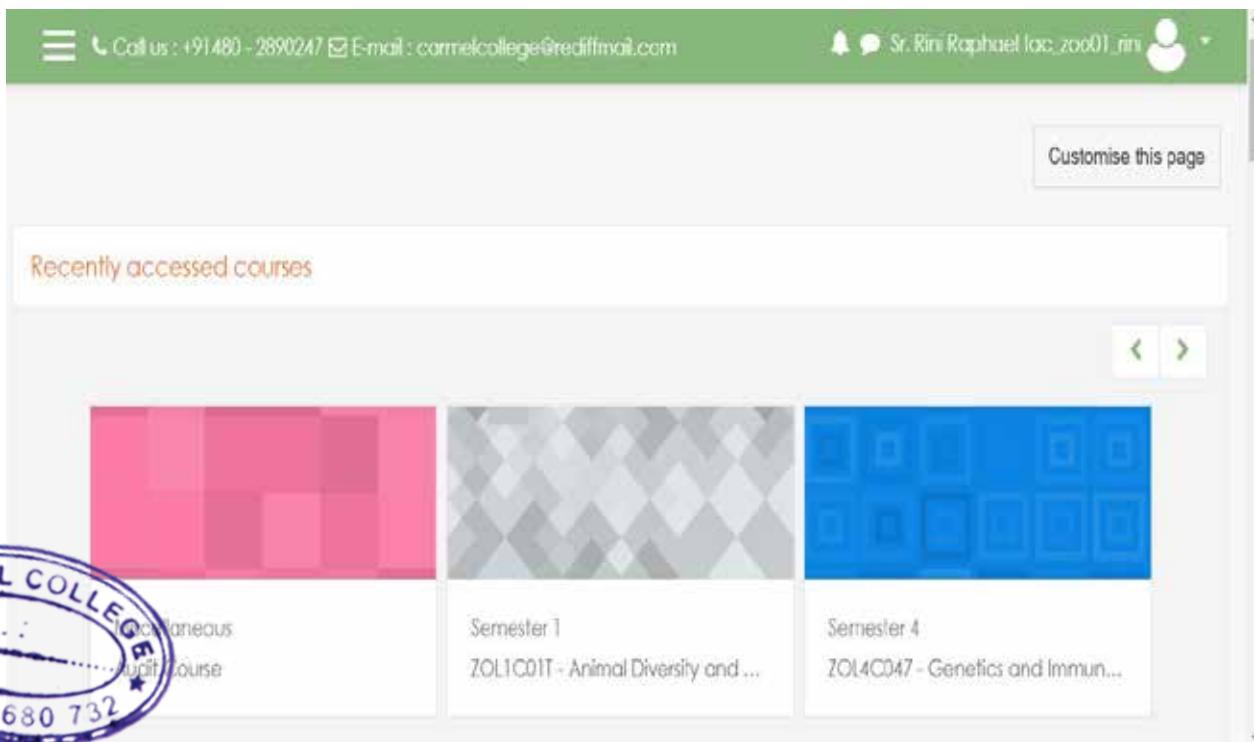
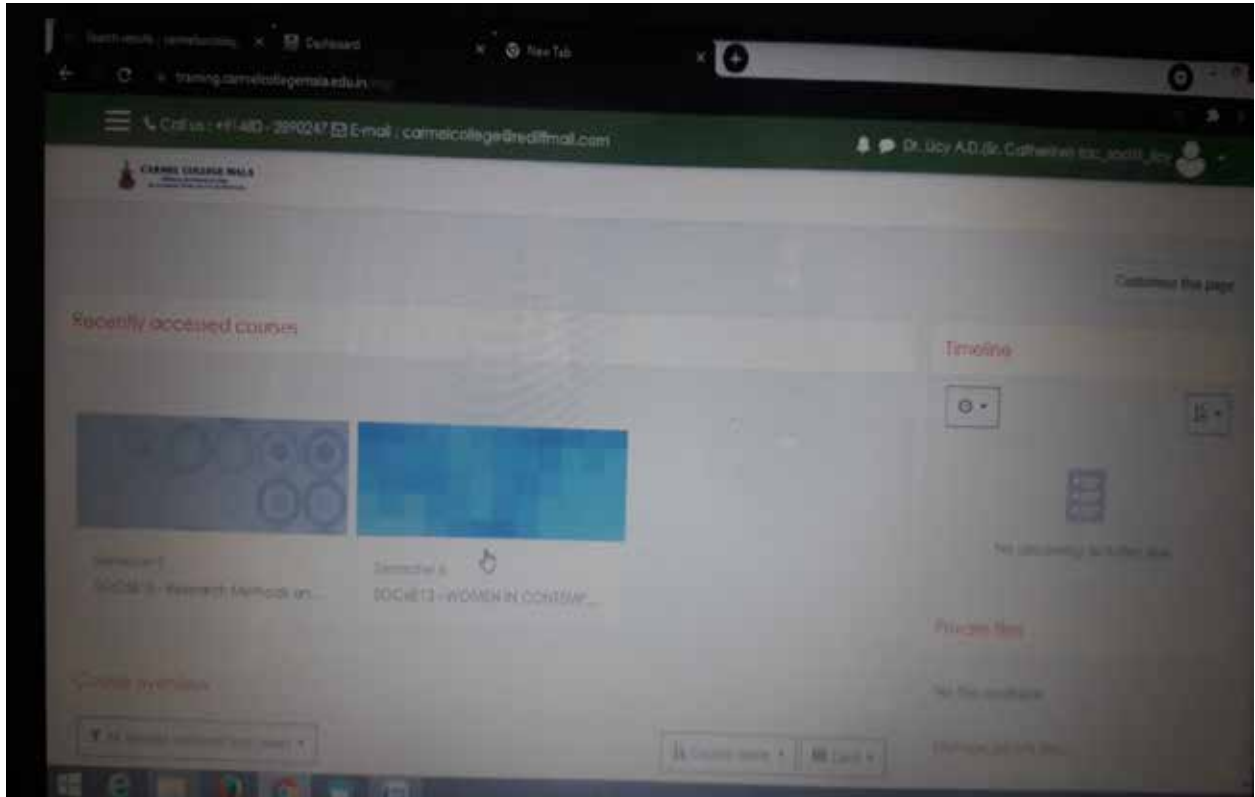
6.5.2 Feedback from Stakeholders

Submitted to



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APH6B12

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- Grades
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- Syllabus
- Notes
- Ch-1
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- Assignments
- Internal examination
- Chapter 2 Notice

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CARMEL COLLEGE MALA

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Customise this page

Recently accessed courses

Course overview

In progress

Course name Card

Private files

No files available

Manage private files...

Timeline

Monday, 9 August 2021

SECOND INTERNAL EXAM is due f... 0000

SDC1I01 - Introductory Statistics

Grade 50

Show 5

Online users

Semester 1 SDC1IT01 - Fundamentals of Computer & ...	Semester 1 SDC1IT03(P) - Programming in C - Lab	Semester 2 SDC2IT06 - Programming in Java
Semester 2 SDC2IT07(P) - Data Structures through Java - Lab	Semester 2 SDC2IT08 (Pr) - Mini Project	Semester 3 SDC3IT11(P) - Networking - Lab
Semester 4 SDC4IT14 - Advanced Computer Networks	Semester 4 SDC4IT15(P) - Networking & OS Lab	Semester 4 SDC4IT16(Pr) - Project



MIS

The screenshot shows a web browser window displaying the Carmel College, Mala MIS interface. The browser address bar shows the URL carmelcollegemala@ways.com/portal/entry/Menu/0/0/0/0. The page header includes navigation links: Home, My Profile, Documents, Upload, and Help. On the left, there is a user profile section with a photo of a woman and a list of menu items: Timetable, My Working Hours, My Documents, My Attendance, My Previous Details, My Ratings, Evaluation, Scheduled Assessments, Student Leave Management, Transport, Message box (0), Staff Details, Staff Details, Search Student, Staff & Family, Downloads From Students, and Assignments Per Day. The main content area is divided into two sections: 'BATCHES UNDER MY DEPARTMENT' and 'MY BATCH LIST'. 'BATCHES UNDER MY DEPARTMENT' contains five cards: 'BSCHE2020 B3 CHEMISTRY', 'BSCHE2020 B3 CHEMISTRY', 'BSCHE2019 B3 CHEMISTRY', 'DCC', and 'Department Please subjects'. 'MY BATCH LIST' contains six cards: 'BSCHE2020 B3 B3 DANY CHE3000', 'BSCHE2020 B3 CHEMISTRY CHE3801', 'BSCHE2020 B3 CHEMISTRY CHE4000(P)', 'BSCHE2019 B3 CHEMISTRY CHE3804', 'BSCHE2019 B3 CHEMISTRY CHE3808', and 'BSCHE2019 B3 CHEMISTRY CHE4010(P)'. A 'Chemistry Open Course' card is also present. A vertical 'NOTICE' banner is on the right side.

The screenshot shows a web browser window displaying the Carmel College, Mala MIS interface. The browser address bar shows the URL carmelcollegemala@ways.com/portal/entry/Menu/0/0/0/0. The page header includes navigation links: Home, My Profile, Documents, Upload, and Help. On the left, there is a user profile section with a photo of a woman and a list of menu items: Timetable, My Working Hours, My Documents, My Attendance, My Previous Details, My Ratings, Evaluation, Student Leave Management, Transport, Message box (0), Staff Details, Staff Details, Search Student, Staff & Family, Downloads From Students, and Assignments Per Day. The main content area is divided into two sections: 'MY BATCH LIST' and 'NOTICE'. 'MY BATCH LIST' contains five cards: 'BAFE2020 B3 ENGLISH FEN433CO1', 'BAFE2020 B3 ENGLISH FEN5804', 'BAFE2019 B5 ENGLISH FEN5807', 'BAFE2019 B5 ENGLISH FEN5808', and 'S3 English_Ms Keerthy'. A vertical 'NOTICE' banner is on the right side.



Dashboard Carmel College Mala

Home My Profile Documents Upload Help

BATCHES UNDER MY DEPARTMENT

- BZ02020 S3 ZOOLOGY
- BZ02019 S3 ZOOLOGY
- OBE
- Department Pseudo subjects

MY BATCH LIST

- B3B02020 S3 BOTANY ZOL3C03T

NOTICE

Timetable
My Working Hours
My Documents
My Attendance
My Previous Details
My Ratings
Evaluation
Scheduled Assessments
Student Leave Management
Transfer

Inbox (1/3) - deptpolitic@gmail.com My Drive - Google Drive online teaching tools - Google Carmel College, Mala

https://carmelcollegemala.inways.com/staff/staff.php?menu=home

Home My Profile Documents Upload Help

BATCHES UNDER MY DEPARTMENT

- BAPO2020 S3 POLITICAL SCIENCE
- BAPO2019 S3 POLITICAL SCIENCE
- OBE
- Department Pseudo subjects

MY BATCH LIST

- BAPO2020 S3 POLITICAL SCIENCE POL3B03
- BA302020 S3 SOCIOLOGY ICP43IC02
- BAPO2019 S3 POLITICAL SCIENCE POL3B04

NOTICE

Timetable
My Working Hours
My Documents
My Attendance
My Previous Details
My Ratings
Evaluation
Scheduled Assessments
Student Leave Management
Transfer



Coursera

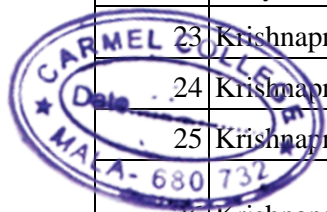
The screenshot shows an email in a Gmail interface. The subject line is "Carmel College Mala Program Usage Report". The sender is "Coursera". The email body contains a Coursera logo and a message stating that the usage report for the Coursera Learning program was last updated on December 21 at 7:11 AM UTC. It includes a link to the report and a summary table.

Total enrolled	154
Total course learners	128
Courses with non-enrolled (not in course)	128
Courses portfolio	421

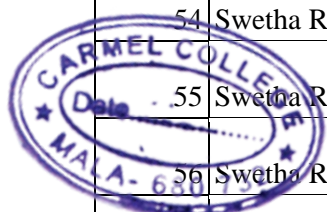
The screenshot shows the Coursera website for Carmel College Mala. The header includes the Coursera logo and a search bar. Below the header, there are navigation links for various categories. The main content area features a "Welcome to Carmel College Mala on Coursera" banner with a "Join" button and the text "Sponsored by Carmel College Mala". Below the banner, there are links for "Browse Catalog" and "New courses". At the bottom, there is a section for "Recommendations from your organization" with a sub-header "Choose from hand-picked content from this program to advance your career".



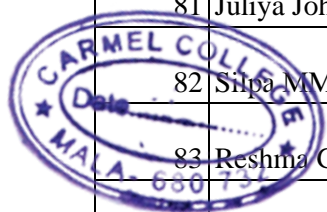
Sl.No	Name of the student	Department	Name of the Course	Platform (Swayam, Coursera , any other)
1	Sreelakshmi P S	Botany	Essentials in Clinical Simulations Across the Health Profession, Nutrition and Lifestyle in pregnancy, Write professional Emails in English, Introduction to psychology	Coursera
2	Aswathy Lavan	Botany	Medical Cannabis for pain control	Coursera
3	Annette Antony	Botany	Mind Control : Managing Your Mental Health During COVID 19	Coursera
4	Nandana VJ	Botany	The Economics of Agro-food value chains	Coursera
5	Nandana VJ	Botany	Medicinal Cannabis for pain Control	Coursera
6	Sukanya K P	Botany	Nutrition and lifestyle in pregnancy, Preventive healthcare for the newborn baby	Coursera
7	Jipcy Mol.P	<u>Botany</u>	Traditional herbal medicine in supportive cancer care: From alternative to integrative	Coursera
8	Jipcy Mol.P	<u>Botany</u>	Introduction to Psychology	Coursera
9	Megha. K.B	Botany	Introduction to Psychology	Coursera
10	Meghna S Mohan	Bsc Chemistry	Introduction to Psychology	Coursera
11	N S Kunjilakshmi	Bsc Chemistry	Introduction to psychology	Coursera
12	Philo amala Antony	Bsc Chemistry	Introduction to psychology	Coursera
13	Jaseela ks	Zoology	Preventative health care for newborn baby	Coursera
14	Jaseela ks	Zoology	Mind control: managing your mental health during COVID 19	Coursera
15	Jistiya Jose	Zoology	Covid-19 contact tracing	Coursera
16	Jistiya Jose	Zoology	Dog Emotion and cognition	Coursera
17	Jistiya Jose	Zoology	Ecology: Ecosystem Dynamics and Conservation	Coursera
18	Jistiya Jose	Zoology	Trauma Emergencies and care	Coursera
19	Jistiya Jose	Zoology	Diabetes - The Essential Facts	Coursera
20	Jistiya Jose	Zoology	Mind control : Managing Your Mental Health During COVID - 19	Coursera
21	Jistiya Jose	Zoology	Covid 19 : what you need to know (CME Eligible)	Coursera
22	Jistiya Jose	Zoology	The Science of Gastronomy	Coursera
23	Krishnapriya P A	Zoology	Covid-19 contact tracing	Coursera
24	Krishnapriya P A	Zoology	Leadership and Emotional intelligence	Coursera
25	Krishnapriya P A	Zoology	Morality of Everyday life	Coursera
26	Krishnapriya P A	Zoology	Visionary leadership, identity and motivation :Become a meaning maker	Coursera



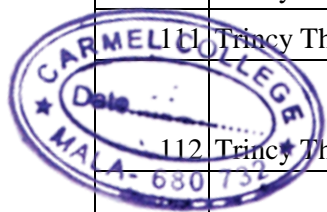
27	Krishnapriya P A	Zoology	Covid 19 : what you need to know	Coursera
28	Krishnapriya P A	Zoology	Mind control :managing your mental health during Covid 19	Coursera
29	Reejath. P. R	Zoology	Nutrition and Lifestyle in Pregnancy	Coursera
30	Sheethal Sajeevan	Zoology	Preventative health care for Newborn baby	Coursera
31	Sheethal Sajeevan	Zoology	Mind control : managing your mental health during Covid 19	Coursera
32	Sruthi. K.A	Zoology	Moralities of everyday life	Coursera
33	Sruthi. K.A	Zoology	Cancer Prevention and Web based activity 4	Coursera
34	Sruthi. K.A	Zoology	Cancer Prevention and Web based activity	Coursera
35	Sruthi. K.A	Zoology	Drug discovery	Coursera
36	Sruthi. K.A	Zoology	Covid 19: what you need to know	Coursera
37	Sruthi. K.A	Zoology	Fighting covid 19 with epidemiology	Coursera
38	Unnimaya A	Zoology	Introduction to Psychology	Coursera
39	Unnimaya A	Zoology	Mind control:managing your mental health during Covid-19	Coursera
40	Athulya K	Zoology	Mind control:managing your mental health during Covid-19	Coursera
41	Asna.T.A	Zoology	Mind control:managing your mental health during Covid-19	Coursera
42	Asna.T.A	Zoology	Preventative health care for Newborn baby	Coursera
43	Amrutha K A	Zoology	Positive Psychology	Coursera
44	Amrutha K A	Zoology	Introduction to international criminal law	Coursera
45	Amrutha K A	Zoology	Covid 19 contact tracing	Coursera
46	Amrutha K A	Zoology	Nutrition and lifestyle in pregnancy	Coursera
47	Chethana Babu	Zoology	Prevention healthcare for newborn baby	Coursera
48	Chethana Babu	Zoology	Positive Psychology	Coursera
49	Chethana Babu	Zoology	Write professional emails in English	Coursera
50	Chethana Babu	Zoology	Covid 19 contact tracing	Coursera
51	Dhanya O L	Zoology	Mind Control Mental Health During Covid 19	Coursera
52	Jisna Thankachan K T	Zoology	Mind control :managing your mental health during covid -19	Coursera
53	Swetha R	Zoology	Covid 19 contact tracing	Coursera
54	Swetha R	Zoology	The truth about cats and dogs	Coursera
55	Swetha R	Zoology	Mind Control Managing your mental health during covid 19	Coursera
56	Swetha R	Zoology	EDIVET : Do you have what it takes to be a veterunuruan?	Coursera
57	Seenu Subair N S	Zoology	Mind Control Managing your mental health during covid 19	Coursera



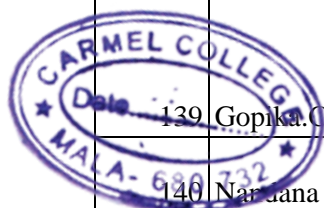
58	Seenu Subair N S	Zoology	Positive Psychology	Coursera
59	V S Saeema	Zoology	Graphic Design	Coursera
60	Varna Kesavan	Zoology	Covid 19 contact Tracing	Coursera
61	Varna Kesavan	Zoology	Covid 19 what you need to know	Coursera
62	Anjana V B	SOCIOLOGY	Child Friendly local Governance	Bala souhridham
63	Arya Ramesh	SOCIOLOGY	Child Friendly local Governance	Bala souhridham
64	Jishmi Biju	SOCIOLOGY	Child Friendly local Governance	Bala souhridham
65	Mariya Joshna Johny	SOCIOLOGY	Child Friendly local Governance	Bala souhridham
66	Mariya Thankachan	SOCIOLOGY	Child Friendly local Governance	Bala souhridham
67	Mary Lithiya	SOCIOLOGY	Child Friendly local Governance	Bala souhridham
68	Sneha K D	SOCIOLOGY	Panchayati Raj and Decentralised Planning	Bala souhridham
69	Vismaya P S	SOCIOLOGY	Panchayati Raj and Decentralised Planning	KILA
70	Lakshmi M.A.	Sociology	Mindfulness practitioner	Udemy
71	Siniya k.manoj	<u>Commerce</u>	Mind control: managing your mental health during covid-19.	Coursera
72	Devika Pushkaran	<u>Commerce</u>	Mind control: Managing your mental health during COVID 19	Coursera
73	Anitta k.s	<u>Commerce</u>	Business Writing	Coursera
74	Arya Unnikrishnan	<u>Commerce</u>	Mind control:managing your mental health during COVID-19	Coursera
75	Arya Unnikrishnan	Commerce	Write Professional E-Mails In English, Mind Control Managing Your Mental Health During Covid 19, Prepare To Manage Human Resource	COURSERA
76	Arya Unnikrishnan		Preparing to Manage Human Resources	
77	Ranjini Ramachandran	Commerce	Learn korean skills	COURSERA
78	Ranjini Ramachandran	<u>Commerce</u>	Finance for Everyone: Decisions	Coursera
79	Ann Maria Davis	Commerce	Fundamentals of communication network , Leadership and emotional intelligence	COURSERA
80	A. Surya	Commerce	Speak English Professionally	COURSERA
81	Juliya Johnson	Commerce	Mind control:managing your mental health during COVID-19	COURSERA
82	Silpa MM	Commerce	Mind control :manage your mental health during covid 19	COURSERA
83	Reshma George	Commerce	Mind control;managing your metal health during covid 19	COURSERA
84	ANUPAMA C A	Commerce	EXCEL SKILL FOR BUSINESS :ESSENTIALS	COURSERA



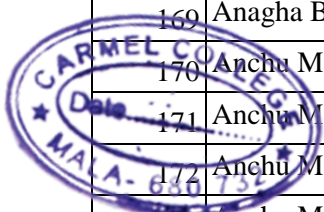
85	Ann maria shaju	Commerce	Mind control:managing your mental health during Covid-19	COURSERA
86	Chinnu Chandran	Commerce	Mind control covid 19	COURSERA
87	Anagha A A	Commerce	Mind control covid 19	
88	Anagha A A	Commerce	Leadership and emotional intelligence	
89	Anagha A A	Commerce	Business English: Meetings	COURSERA
90	Aleena E D	Commerce	social work practices: advocating social justice and change	COURSERA
91	Aleena E D	Commerce	.Feminism and social justice	COURSERA
92	Aleena E D	Commerce	Community organizing for social justice	COURSERA
93	Aleena E D	Commerce	Finance for everyone; decision	COURSERA
94	Aleena E D	Commerce	Managing asthma, allergies, Diabetes and seizures in school	COURSERA
95	Aleena E D	Commerce	Mind control:managing your mental health during covid	COURSERA
96	Aleena E D	Commerce	introduction of international criminal law	COURSERA
97	Jisna Antony	Commerce	Detecting and Mitigating cyber Threats and Attacks., ,	COURSERA
98	Jisna Antony	Commerce	Mind control : managing your mental health during covid-19	COURSERA
99	Jisna Antony	Commerce	Introduction to international criminal Law.	COURSERA
100	Brightty Thomas	Commerce	Introduction to International Criminal Law	COURSERA
101	Brightty Thomas	Commerce	Managing Asthma, Allergies, Diabetes and Seizures in School	COURSERA
102	Brightty Thomas	Commerce	Community Organizing For Social Justice	COURSERA
103	Brightty Thomas	Commerce	Feminism and social justice	COURSERA
104	Brightty Thomas	Commerce	Mining and Analytics.	COURSERA
105	Brightty Thomas	Commerce	Cybersecurity Roles, Processes and operating system security.	COURSERA
106	Brightty Thomas	Commerce	Social work Practice: Advocating Social Justice and Change	COURSERA
107	Brightty Thomas	Commerce	Mind Control: Managing Your Mental Health During Covid-19.	COURSERA
108	Trincy Thomas	Commerce	Feminism and Social Justice.	COURSERA
109	Trincy Thomas	Commerce	Introduction to International Criminal Law	COURSERA
110	Trincy Thomas	Commerce	Managing Asthma, Allergies,Diabetes and seziures in school	COURSERA
111	Trincy Thomas	Commerce	What you Need to know (CEM Eligible).	COURSERA
112	Trincy Thomas	Commerce	Healthy practices: Nutrition, Physical Activity, and Community and Family participation	COURSERA
113	Trincy Thomas	Commerce	Mind control: Managing your Mental Health During COVID-19.	COURSERA



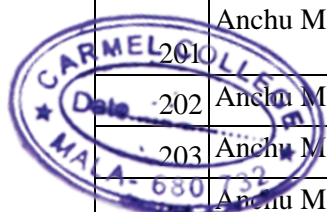
114	Emseena C A	Commerce	Mind Control: Managing Your Mental Health During COVID-19	COURSERA
115	Emseena C A	Commerce	Social Work Practice: Advocating Social Justice and Change	COURSERA
116	Emseena C A	Commerce	Social Work Practice: Advocating Social Justice and Change	COURSERA
117	Riya Sebastian	Commerce	A science of well being	COURSERA
118	Riya Sebastian	Commerce	Mind Control: Managing Your Mental Health During COVID-19	COURSERA
119	Riya Sebastian	Commerce	Finance for everyone; decision	COURSERA
120	Riya Sebastian	Commerce	Moralities of everyday life	COURSERA
121	Riya Sebastian	Commerce	Introduction to virtual reality	COURSERA
122	Riya Sebastian	Commerce	Drug discovery	COURSERA
123	Riya Sebastian	Commerce	WRITE PROFESSIONAL E-MAILS IN ENGLISH	COURSERA
124	Riya Sebastian	Commerce	Advanced writing	COURSERA
125	Blessy N J	Commerce	Mind Control: Managing Your Mental Health During COVID-19	COURSERA
126	Blessy N J	Commerce	Write Professional E-Mails In English	COURSERA
127	Aleena Ignatious	Commerce	Mind Control: Managing Your Mental Health During COVID-19	COURSERA
128	Aleena Ignatious	Commerce	Finance for everyone; decision	COURSERA
129	Angel joy	Commerce	Science of Exercise	COURSERA
130	Angel joy	Commerce	Positive Psychology	COURSERA
131	Angel joy	Commerce	Preparing to Manage Human Resources	COURSERA
132	Angel joy	Commerce	Cannabis, Mental Health, and Brain Disorders	COURSERA
133	Angel joy	Commerce	Research Proposal: Initiating Research	COURSERA
134	Angel joy	Commerce	Business English: Meetings	COURSERA
135	Angel joy	Commerce	Foundations of Teaching for Learning: Planning for Teaching and Learning	COURSERA
136	Angel joy	Commerce	Educating Deaf Children: Becoming an Empowered Teacher	COURSERA
137	Angel joy	Commerce	Foundations of Teaching for Learning: Being a Teacher	COURSERA
138	Anjali PD	Commerce	Leadership and emotional intelligence	COURSERA
139	Gopika.C.N	Commerce	Mind controlling manage your mental health during covid 19 ,cloud computing basics, business analytics for decision making and digital product management modern fundamentals	COURSERA
140	Narajana manoharan	Commerce	Mind control: manage your mental health during covid 19	COURSERA
141	Swathy Parameswaran	Commerce	Understanding research methodology	COURSERA



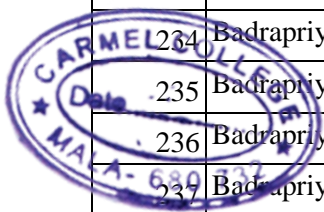
142	Akhila P. S.	English	Grammar And Punctuation	COURSERA
143	Akhila P. S.	English	Feminism And Social Justice	COURSERA
144	Akhila P. S.	English	Introduction To Psychology	COURSERA
145	Akhila P. S.	English	Community Organizing For Social Justice	COURSERA
146	Akhila P. S.	English	Introduction To International Criminal Law	COURSERA
147	Akhila P. S.	English	Mind Control: Managing Your Mental Health During Covid-19	COURSERA
148	Akhila P. S.	English	Ecology: Ecosystem Dynamics And Conservation	COURSERA
149	Aleena Johnson	English	Mind Control: Managing Your Mental Health During Covid-19	COURSERA
150	Aleena Johnson	English	Feminism And Social Justice	COURSERA
151	Aleena Johnson	English	So You Think You Know Tango	COURSERA
152	Aleena Johnson	English	Beginning Sql Server	COURSERA
153	Aleena Johnson	English	Grammar And Punctuation	COURSERA
154	Amulya George	English	Grammar And Punctuation	COURSERA
155	Amulya George	English	Feminism And Social Justice	COURSERA
156	Amulya George	English	Learn To Speak Korean 1	COURSERA
157	Amulya George	English	Community Organizing For Social Justice	COURSERA
158	Amulya George	English	Mind Control; Managing Your Mental Health During Covid-19	COURSERA
159	Amulya George	English	Advertising And Society	COURSERA
160	Anagha Babu	English	Grammar And Punctuation	COURSERA
161	Anagha Babu	English	Community Organizing For Social Justice	COURSERA
162	Anagha Babu	English	Feminism And Social Justice	COURSERA
163	Anagha Babu	English	Queering Identities:Lgbtq+Sexuality And Gender Identity	COURSERA
164	Anagha Babu	English	Ecology Ecosystem Dynamics And Conversation	COURSERA
165	Anagha Babu	English	Women In Leadership:Inspiring Positive Change	COURSERA
166	Anagha Babu	English	Reaserch Design : Inquiry And Discover	COURSERA
167	Anagha Babu	English	Covid-19 Contact Tracing	COURSERA
168	Anagha Babu	English	Mind Control;Managing Your Mental Health During Covid-19	COURSERA
169	Anagha Babu	English	Creative Writing : The Craft Of Plot	COURSERA
170	Anchu M. A	English	Grammar And Punctuation	COURSERA
171	Anchu M. A	English	Introduction To Philosophy	COURSERA
172	Anchu M. A	English	Moralities Of Everyday Life	COURSERA
173	Anchu M. A	English	Introduction To Psychology	COURSERA



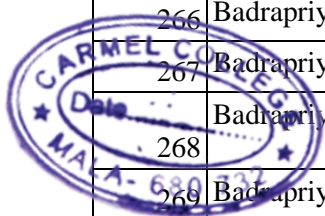
174	Anchu M. A	English	Introduction To International Criminal Law	COURSERA
175	Anchu M. A	English	First Step Korean	COURSERA
176	Anchu M. A	English	Conjunctions, Connectives And Adverb Clauses	COURSERA
177	Anchu M. A	English	Covid-19 Contact Tracing	COURSERA
178	Anchu M. A	English	Feminism And Social Justice	COURSERA
179	Anchu M. A	English	Version Control With Git	COURSERA
180	Anchu M. A	English	Drug Commercialization	COURSERA
181	Anchu M. A	English	International Hospitality And Healthcare Services Marketing	COURSERA
182	Anchu M. A	English	Introduction To Cloud Identity	COURSERA
183	Anchu M. A	English	Social Work Practice: Advocating Social Justice And Change	COURSERA
184	Anchu M. A	English	Moral Foundations Of Politics	COURSERA
185	Anchu M. A	English	Leading Health Care Quality And Safety	COURSERA
186	Anchu M. A	English	Introduction To The Biology Of Cancer	COURSERA
187	Anchu M. A	English	Science Of Exercise	COURSERA
188	Anchu M. A	English	Mind Control;Managing Your Mental Health During Covid-19	COURSERA
189	Anchu M. A	English	Introduction To English Common Law	COURSERA
190	Anchu M. A	English	Intellectual Humility: Theory	COURSERA
191	Anchu M. A	English	Healing With The Arts	COURSERA
192	Anchu M. A	English	Biohacking Your Brain's Health	COURSERA
193	Anchu M. A	English	Natural Gas	COURSERA
194	Anchu M. A	English	Cancer Prevention Web-Based Activity	COURSERA
195	Anchu M. A	English	Ecology: Ecosystem Dynamics And Conservation	COURSERA
196	Anchu M. A	English	Interprofessional Healthcare Informatics	COURSERA
197	Anchu M. A	English	The Challenges Of Global Health	COURSERA
198	Anchu M. A	English	The Modern And The Postmodern (Part I)	COURSERA
199	Anchu M. A	English	Understanding Plants- Part Ii: Fundamentals Of Plant Biology	COURSERA
200	Anchu M. A	English	The Sustainable Development Goals - A Global Transdisciplinary Vision For The Future	COURSERA
201	Anchu M. A	English	Project Management: The Basics For Success	COURSERA
202	Anchu M. A	English	High-Impact Business Writing	COURSERA
203	Anchu M. A	English	Introduction To G Suite	COURSERA
204	Anchu M. A	English	Biological Diversity (Theories, Measures And Data Sampling Techniques)	COURSERA



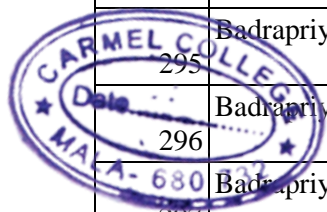
205	Anchu M. A	English	Human Rights For Open Societies	COURSERA
206	Anchu M. A	English	Creative Writing:The Craft Of Plot	COURSERA
207	Anchu M. A	English	Social Media Advertising	COURSERA
208	Anchu M. A	English	Queering Identities: Lgbtq + Sexuality And Gender Identity	COURSERA
209	Anchu M. A	English	Understanding Memory: Explaining The Psychology Of Memory Through Movies	COURSERA
210	Anchu M. A	English	Women In Leadership: Inspiring Positive Change	COURSERA
211	Aparna P. P.	English	Grammar And Punctuation	COURSERA
212	Aparna P. P.	English	Introduction To Psychology	COURSERA
213	Aparna P. P.	English	The Challenges Of Global Health	COURSERA
214	Aparna P. P.	English	Introduction To Cloud Identity	COURSERA
215	Aparna P. P.	English	Beginning Sql Server	COURSERA
216	Aparna P. P.	English	Ecology: Ecosystem Dynamics And Conversation	COURSERA
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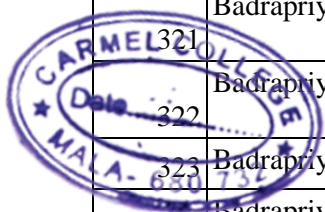
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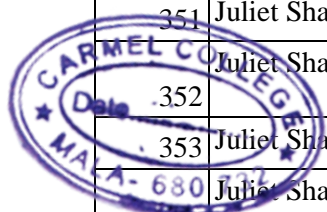
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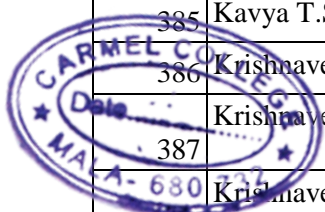
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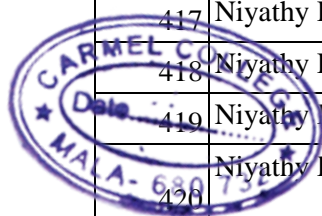
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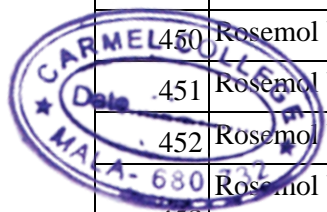
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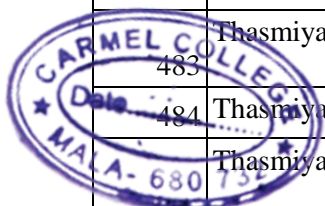
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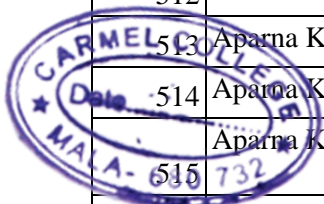
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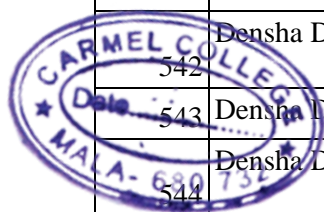
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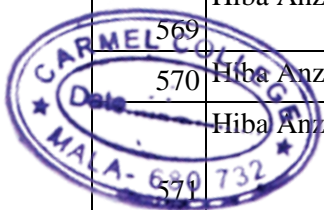
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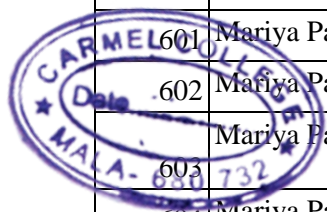
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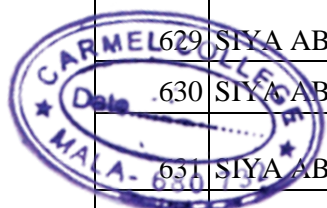
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FACULTY

PRINCIPAL

Dr. Sr. Licy A. D. (Sr. Catherine), M. A., M. Phil., NET, B. Ed., D. Litt. Ph. D.,
Professor principal@carmelcollegemala.ac.in 9048365295

DEPARTMENT OF ENGLISH

Dr. Pretty John P., M. A., B. Ed., M. Phil., NET, Ph. D, (HOD), Assistant Professor
pretty@carmelcollegemala.ac.in 9446583241

Ms. Keerthy Sophiya Ponnachan M. A., NET, Assistant Professor
keerthysophiya@carmelcollegemala.ac.in 8281361876

Ms. Linda P. Joseph, M. A., NET, Assistant Professor
linda@carmelcollegemala.ac.in 9656061870

Ms. Annliya Shaijan M. A., NET, Asst. Professor on Contract
annliya@carmelcollegemala.ac.in 7025768358

Ms. Anjana K. Mukundan, M.A., B.Ed., NET, SET, Asst. Professor on Contract,
anjanak@carmelcollegemala.ac.in 7034060336

Ms. Hima Harry, M. A., B. Ed., Asst. Professor on Contract
himaharry@carmelcollegemala.ac.in 8281978979

Ms. Anu Filda Varghese, M. A., B.Ed., Asst. Professor on Contract
anufilda@carmelcollegemala.ac.in 8547377359

Ms. F. Merline Rodrigues, M. A., MBA, Asst. Professor on Contract
merline@carmelcollegemala.ac.in 9895105197

Ms. Sifna Xavier, M. A., B.Ed., NET, Asst. Professor on Contract
sifna@carmelcollegemala.ac.in

7510126733

Sr. Ann Maria Davis(Sr. Rhytha Therese), M. A., Asst. Professor on Contract
rhytha@carmelcollegemala.ac.in

9048439472

DEPARTMENT OF MALAYALAM

Dr. Merin Francis, M. A., B. Ed., Ph. D., NET, (HOD) Assistant Professor
merin@carmelcollegemala.ac.in

9645597337

Ms. Rajeswary P.K, M. A., Assistant Professor on Contract
raji@carmelcollegemala.ac.in

9846029862

DEPARTMENT OF HINDI

Ms. Archana Ayyappan, M.A, M. Phil, NET, Assistant Professor on Contract
archanaayyappan@carmelcollegemala.ac.in

8589876849

Ms. Veenamol K. V, M. A, M.Phil, P. G Diploma in Translation.
Assistant Professor on Contract
veenamol@carmelcollegemala.ac.in

9495124700

DEPARTMENT OF MATHEMATICS

Dr. Jismy Joseph, M. Sc., Ph. D, NET, (HOD), Assistant Professor
jismy@carmelcollegemala.ac.in

8129124785

Ms. Rachel Paul, M. Sc., M. Phil., NET, Assistant Professor
rachel@carmelcollegemala.ac.in

9746002101

Ms. Riya Jose, M.Sc., NET, Assistant Professor
riya@carmelcollegemala.ac.in

9946862721

Ms. Sneha John, M. Sc., Assistant Professor on contract
sneha@carmelcollegemala.ac.in 8157955829

Ms. Rosemitty P. M., M. Sc., Assistant Professor on contract
rosemitty@carmelcollegemala.ac.in 9495139963

Ms. Hima Mohan, M. Sc., Assistant Professor on contract
hima@carmelcollegemala.ac.in 9061776591

DEPARTMENT OF STATISTICS

Ms. Meenu Jose, M. Sc., NET, Assistant Professor
meenu@carmelcollegemala.ac.in 9495380011

DEPARTMENT OF COMPUTER SCIENCE

Ms. Smitty V. Isidhore, MCA, NET, Assistant Professor
smitty@carmelcollegemala.ac.in 7034826111

Ms. Lakshmi Anand, M. Tech IT, M. Sc. Cyber Security, (HOD), Assistant Professor on contract
lakshmi@carmelcollegemala.ac.in 9074035617

Ms. Sandra Jose, M. C. A., Assistant Professor on contract
sandra@carmelcollegemala.ac.in 7560962362

DEPARTMENT OF PHYSICS

Ms. Greatel Francis Paremél, M. Sc., B. Ed., NET, (HOD), Assistant Professor
greatel@carmelcollegemala.ac.in 9562452528

Ms. Nithya P., M. Sc., NET, Assistant Professor
nithya@carmelcollegemala.ac.in 9446222004

Dr. Nivya Roy, M.Sc, NET, Ph.D, Assistant Professor
nivya@carmelcollegemala.ac.in 8921575148

Ms. Maya Mathew, M.Sc, NET, Assistant Professor

maya@carmelcollegemala.ac.in

7025532147

Dr. Vijisha M V, M.Sc, Ph. D, Assistant Professor on contract

vijisha@carmelcollegemala.ac.in

8547552559

DEPARTMENT OF CHEMISTRY

Dr. Princy K. G, M. Sc, NET, Ph. D, (HOD), Associate Professor

princy.k.g@carmelcollegemala.ac.in

8086412364

Dr. Roshini K Thumpakara, M. Sc, NET, Ph. D, Assistant Professor

roshinikthumpakara@carmelcollegemala.ac.in

9447602665

Dr. Vidya Francis, M. Sc, Ph. D, Assistant Professor

vidyafrancis@carmelcollegemala.ac.in

8547558972

Ms. Nivedya A.U., BS-MS Dual Degree. Assistant Professor on contract

nivedya@carmelcollegemala.ac.in

8116465159

Ms. Neethu Sunny, M. Sc, Assistant Professor on contract

neethu@carmelcollegemala.ac.in

9946358153

Ms. Joicy P. J, M. Sc, Assistant Professor on contract

joicy@carmelcollegemala.ac.in

9747171357

Ms. Rosemol Davis, M. Sc, Assistant Professor on contract

rosemol@carmelcollegemala.ac.in

8078189727

DEPARTMENT OF BOTANY

Dr. Bindhu K. B., M. Sc., B. Ed., NET, Ph.D., (HOD), Assistant Professor

bindhuk.b@carmelcollegemala.ac.in

9496124867

Dr. Sr. Kochuthressia K. P. (Sr. Seena) M. Sc., M. Phil., B. Ed., Ph. D., Assistant Professor (Vice Principal)

kochuthressia.k.p@carmelcollegemala.ac.in

9539080231

Dr. Sr. Sinjumol Thomas, M. Sc., M. Phil., Ph.D., Assistant Professor

sinjumol@carmelcollegemala.ac.in

9447918640

Dr. Dhanya Thomas T T, M.Sc, NET & Ph.D., Assistant Professor
dhanya@carmelcollegemala.ac.in 9847748183

Dr. Roby T J, M.Sc, Ph.D., PDF, Assistant Professor
roby@carmelcollegemala.ac.in 9446618640

Dr. Geo Joseph, M.Sc, Ph.D., Assistant Professor
geo@carmelcollegemala.ac.in 8594021002

Dr. Athira K. A., M. Sc., B.Ed., Ph.D., Assistant Professor on contract
athira@carmelcollegemala.ac.in 9645056412

Ms. Gopika V.D., M.Sc.,Assistant Professor on contract
gopika@carmelcollegemala.ac.in 9605134072

DEPARTMENT OF ZOOLOGY

Dr. Sr. Rini Raphael, M. Sc., NET, Ph. D., (HOD,) Assistant Professor
riniraphael@carmelcollegemala.ac.in 7034609210

Ms. Goldy Davis P, M. Sc., B. Ed., Assistant Professor on contract
goldy@carmelcollegemala.ac.in 8589972378

Ms. Rakhi Radhakrishnan, M. Sc., Assistant Professor on contract
rakhi@carmelcollegemala.ac.in 6235304411

Ms. Sukanya P. S., M. Sc., NET, Assistant Professor on contract
sukanya@carmelcollegemala.ac.in 8281595503

DEPARTMENT OF SOCIOLOGY

Dr. Sr. Licy A. D (Sr. Catherine), M. A., M. Phil., B. Ed., NET, D. Litt,
Ph.D. (Principal) Professor
licy.a.d@carmelcollegemala.ac.in 9048365295

Sr. Jisha Chakkunny M. (Sr. Jyothy), M. A, B. Ed., NET, (HOD)
Assistant Professor jishachakkunny.m@carmelcollegemala.ac.in
8086506250

Dr. Sara Neena T. T., M. A, M. Phil, Ph. D., (Rtd.), Visiting Professor
saraneena@carmelcollegemala.ac.in 9447672553

Ms. Bincy K. F, M. A, B. Ed., Assistant Professor on Contract
bincy@carmelcollegemala.ac.in 7012873545

Ms. Neethu C. M, M. A, M. Phil, NET, B. Ed., MSW. Assistant Professor
on Contract
neethucm@carmelcollegemala.ac.in 9946172265

Dr. Rajasree E.R., M. A, NET, B. Ed., M.
Phil., Ph. D. , Assistant Professor on Contract
dr.rajasree@carmelcollegemala.ac.in 7025030724

Dr. Manjima M. V., M. A, NET, Ph. D. Assistant Professor on Contact
dr.manjima@carmelcollegemala.ac.in 8129982491

Ms. Sonika T. S, M. A, B. Ed., NET, Assistant Professor on Contract
sonika@carmelcollegemala.ac.in 9526135945

Ms. Reshma T. V, M. A, B. Ed., NET, Assistant Professor on Contract,
reshma@carmelcollegemala.ac.in 8606733364

Ms. Deepa M. L, M. A., M. Ed. Assistant Professor on Contract
deepa@carmelcollegemala.ac.in 9495247741

DEPARTMENT OF HISTORY

Dr. Vinitha N. Vijayan, M. A., B. Ed., M. Phil., NET, Ph. D., (HOD) As-
sistant Professor vinitha@carmelcollegemala.ac.in
9946088444, 9846799911

Ms. Reena T. K., M. A., B. Ed., NET, Assistant Professor
reena@carmelcollegemala.ac.in 9495483420

Ms. Sandhya P. A., M. A., B. Ed., M. Phil., NET, Assistant Professor
sandhya@carmelcollegemala.ac.in 8086131880

Ms. Brighty Robert, M. A., M. Phil, NET, Assistant Professor
brighty@carmelcollegemala.ac.in 9446364834

Ms. Ambily K., M. A., M.S.C, B. Ed., Assistant Professor on contract
ambily@carmelcollegemala.ac.in 9562935283

Ms. Lilia Johns, M. A., Assistant Professor on contract
lilia@carmelcollegemala.ac.in 9061394505

DEPARTMENT OF POLITICAL SCIENCE

Ms. Mary Philip, M. A., NET, (HOD) Assistant Professor
maryphilip@carmelcollegemala.ac.in 9995083995

Ms. Ushus Mol E. U., M. A., B. Ed., Assistant Professor on contract
ushusmol.e.u@carmelcollegemala.ac.in 9497804692

Ms. Amilsha A. A., M. A., B. Ed., M. Phil., Assistant Professor on contract
amilsha@carmelcollegemala.ac.in 9496092592

DEPARTMENT OF BUSINESS ADMINISTRATION

Ms. Nayana P., MBA, (HOD), Assistant Professor on contract
nayana@carmelcollegemala.ac.in 8281579798

Mr. Blesson Babu, MBA, NET, Assistant Professor on contract
blesson@carmelcollegemala.ac.in 8943266652

Ms. Gilu Mathew, MBA, M. Sc. , Assistant Professor on contract
gilu@carmelcollegemala.ac.in 9895987393

DEPARTMENT OF COMMERCE

Ms. Celin K. A., M. Com., MBA, (HOD) Assistant Professor on contract.
celin@carmelcollegemala.ac.in 8606212144

Ms. Jisha Jose, M. Com., MBA, Assistant Professor on contract.
jisha@carmelcollegemala.ac.in 9562570766

Ms. Revathy A. R., M. Com., Assistant Professor on contract.
revathy@carmelcollegemala.ac.in 9745659389

Ms. Anjana Joshy, M. Com., NET,B.Ed Assistant Professor on contract.
anjana@carmelcollegemala.ac.in 8089823991

Roja Prakasan, M. Com., Assistant Professor on contract.
roja@carmelcollegemala.ac.in 9061416911

Ms. Jasmi Babu., M. Com., MBA, Assistant Professor on contract.
jasmi@carmelcollegemala.ac.in 9539747358

Ms. Anjali Balan, M. Com., Assistant Professor on contract.
anjali@carmelcollegemala.ac.in 7025437331

Ms. Aparna Sureshkumar, M. Com., NET. Assistant Professor on contract.
aparna@carmelcollegemala.ac.in 6282724769

Ms. Jesmi Thomas K., M. Com., B.Ed., Assistant Professor on contract.
jesmi@carmelcollegemala.ac.in 7025950502

DEPARTMENT OF VOCATIONAL COURSES

Dr. Sr. Rini Raphael, M. Sc., NET, Ph. D., (**Co ordinator**) Assistant Professor
riniraphael@carmelcollegemala.ac.in 7034609210

Ms. Beena Thomas, M. Com., B. Ed., (**Assistant Co ordinator**), Assistant Professor on contract.
beena@carmelcollegemala.ac.in 9745904383

SOFTWARE DEVELOPMENT

Ms. Sinisha George, M. Tech. Computer Science, Assistant Professor on contract, sinisha@carmelcollegemala.ac.in 9544480272

Ms. Anu Augustine, M. Tech. Computer Science, Assistant Professor on contract, anu@carmelcollegemala.ac.in 8281815342

Ms. Ann Maria Davis, M. C.A, Assistant Professor on contract annmariya@carmelcollegemala.ac.in 9847446616

MULTIMEDIA

Ms. Arya N. A., M. A. Visual Communication , Assistant Professor on contract, arya@carmelcollegemala.ac.in 9495971836

Ms. Reshma R Krishnan, M A Digital Animation, Assistant Professor on contract, reshmakrishnan@carmelcollegemala.ac.in 81380 66196

Mr. Vijin T.C., M. F. A. Visual Media , Assistant Professor on contract . vijin@carmelcollegemala.ac.in 7012424252, 9846202333

ACCOUNTING & TAXATION

Ms. Beena Thomas, M. Com., B. Ed., Assistant Professor on contract. beena@carmelcollegemala.ac.in 9745904383

Ms. Dalia K.M., M. Com., NET. Assistant Professor on contract. dalia@carmelcollegemala.ac.in 9497570689

Ms. Divya Chandran, M. Com., Assistant Professor on contract divya@carmelcollegemala.ac.in 8086025260

BANKING, FINANCIAL SERVICE & INSURANCE

Ms. Sreelakshmi K., M. Com., NET, Assistant Professor on contract sreelakshmi@carmelcollegemala.ac.in 8086061364

Ms. Maneesha T. M., M. Com., NET, Assistant Professor on contract.
maneesha@carmelcollegemala.ac.in 8301869530

Ms. Varna Jose., M. Com., Assistant Professor on contract
varna@carmelcollegemala.ac.in 8943177608

FASHION TECHNOLOGY

Ms. Mariya Pious, M. Sc. Textile and Costume Science, Assistant Professor
on contract, mariyapious@carmelcollegemala.ac.in 9495777078

Ms. Jissa Francis T, Master Deploma in Fashion Technology, Skill Assistant
on contract. jissa@carmelcollegemala.ac.in 9961633406

Ms. Sinju Raju, M.Sc. Home Science, Assistant Professor on contract.
sinju@carmelcollegemala.ac.in 8137832272

Ms. Shruthi R., M.B.A Fashion Management, Assistant Professor on con-
tract. shruthi@carmelcollegemala.ac.in 9633328589

AGRICULTURE

Dr. Manjusha Rani, M. Sc., Ph.D, Assistant Professor on contract.
manjusha@carmelcollegemala.ac.in 9645864222

Dr. Archana K A, B.Sc, M.Sc, Ph.D, Assistant Professor on contract.
archanaka@carmelcollegemala.ac.in 9400461303

Ms. Jipcymol P, M. Sc., B. Ed., Assistant Professor on contract
jipcymol@carmelcollegemala.ac.in 8086476655

Ms. Jiffy Thomas., M. Sc., Assistant Professor on contract.
jiffy@carmelcollegemala.ac.in 8301019035

Ms. Sreelakshmi K. A., B.Sc. Honours Agriculture, . Skill Assistant on con-
tract. sreelakshmi@carmelcollegemala.ac.in 7510220371

DEPARTMENT OF PHYSICAL EDUCATION

Ms. Leena Mathew, M. P. E., M. Phil., NET, (HOD) Assistant Professor

leenamathew@carmelcollegemala.ac.in

9895519357, 9539875927

COMMUNITY COLLEGE DIVISION

Mr. Santhosh Jose, PGDPT, (HOD) Assistant Professor on contract

santhosh@carmelcollegemala.ac.in

9495247439

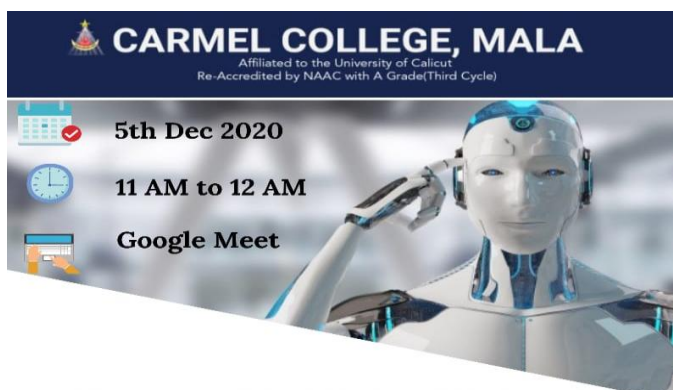
Ms. Naveena C. A., M. Com. Assistant Professor on contract

naveena@carmelcollegemala.ac.in

9048922243



Orientation Programme



CARMEL COLLEGE, MALA
Affiliated to the University of Calicut
Re-Accredited by NAAC with A Grade(Third Cycle)

5th Dec 2020
11 AM to 12 AM
Google Meet

DEPARTMENT OF VOCATIONAL STUDIES

Software development

Stream cordially invites you to the

WEBINAR

“Machine Learning”

Dr. Jino P J
Data Scientist
UVJ Technologies Pvt. Ltd
Kakkanad, Kerala



CONTACT US

Ms. Sinisha George : 8281543112
Ms. Anu Augustine : 8281815342
softwaredevelopmentcarmel@gmail.com

B.Voc coordinator : Dr.Sr.Rini Raphael

HOD : Ms.Beena Antu

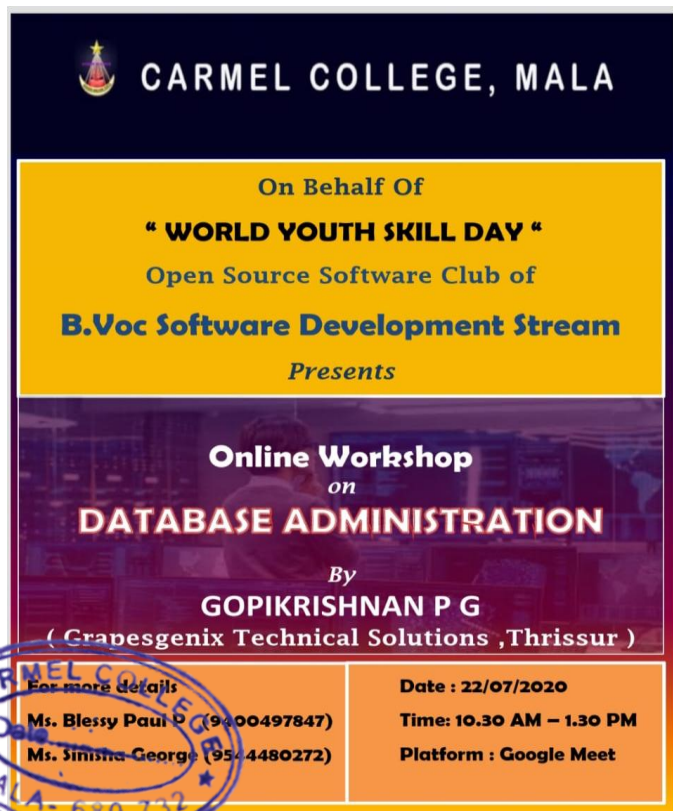
The Software Development stream of the Department of Vocational Studies organized a webinar on "Machine Learning" by Dr. Jino P J, Data Scientist, UVJ Technologies, Cochin on 12.08.2020



The B.Voc Software Development conducted a National Seminar on the topic “Technical Writing, Machine Learning and Artificial Intelligence” inaugurated by Ms. Shanitha Emmanuel, Senior Technical Writer, SAP LABS, Bangalore on 27.01.2020. The sessions were handled by Mr. Santhosh Madri and Ms. Gnaneswari Reddy.



The B.Voc Software Development stream conducted a workshop on “Advanced Networking System Concepts” by Mr. Kiran K A, Networks Systems, Thrissur on 13th January 2020.



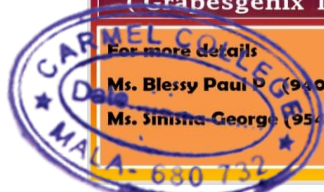
CARMEL COLLEGE, MALA

On Behalf Of
“ WORLD YOUTH SKILL DAY “
Open Source Software Club of
B.Voc Software Development Stream
Presents

Online Workshop
on
DATABASE ADMINISTRATION
By
GOPIKRISHNAN P G
(Grapesgenix Technical Solutions ,Thrissur)

For more details
Ms. Blessy Paul (94400497847)
Ms. Sinisha George (9544480272)

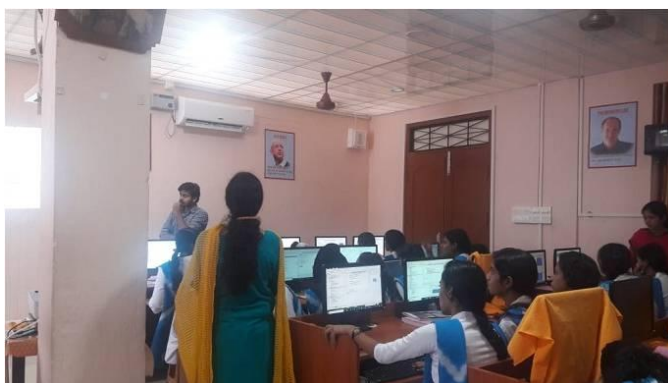
Date : 22/07/2020
Time: 10.30 AM – 1.30 PM
Platform : Google Meet



The Open Source Software Club of B.Voc Software Development conducted an online workshop on “Database Administration” by Mr. Gopikrishnan P.G, Grapesgenix Technical Solutions, Thrissur on 22nd July 2020



The Department of Computer Science organized National Seminar on “Data Analytics and Research Methodology” by Dr. M. Hemalatha, Professor, School of Computing – PG, Sri Ramakrishna College of Arts and Science, Coimbatore on 10/01/2020



The B.Voc Software Development stream conducted a two-day workshop on “Android” by Mr.Mashood, Ms.Priyanka and Ms. Chaitanya from Grapes Technologies, Thrissur on 23.9.2019



The Department of Computer Science organized a seminar on “Image Processing Techniques” by Dr.Jomy John, Assistant Professor, Department of Computer Science Panampilly Memorial Govt. College, Chalakudy on 2ndSeptember 2019



TheB.Voc Software Development stream organized a workshop on “PHP Programming and Placement Orientation” led by Mr. Jilson (Software Developer, Cogniz Infotech), and Ms. Anagha (HR Consultant, CognizInfotech) on 20th September 2019.



The B.Voc Multimedia Stream conducted a one-day workshop on “Photo Editing and Retouching” by Mr.Sreekumar (Adobe Mentor) on 01.08.2019



The Department of Computer Science organized a seminar on "Ethical Hacking & Cyber Security" by Mr. Kiran K A, Penetration Engineer at Network System, Thrissur on 2nd August 2019.



The Department of Vocational Studies conducted a “Workshop on PHP Programming” by Mr. Abraham John, Right Soft Options, Kochi on 29-11-2018





The Multimedia stream of the Department of Vocational Studies organized a one-day workshop on “Animation Character Designing” by Mr. Anuraj K G, Visual Artist and Assistant Professor, Yeldo Mar Baselious College, Kothamangalam on 7.11.2018.



The Department of Vocational Studies organized a session on “Broader Look on Machine Learning” by Mr. Rejin Jose, K Machine Learning Engineer, Cognico Technologies, Infopark, Cochin on 31.07.2018.



The Department of Vocational Studies organized a one-day workshop on “App Development using Android” for students of Software Development in collaboration with the team „ILCC Training and Development“, Chalakudy on 11.10.2018.



The Department of Computer Science conducted one-day National Seminar on “Artificial Intelligence and Neural Network” by Mr. Jibrael Jos (Director, Think First and former Associate Professor, Christ University, Bangalore) on 17-10-2017.



The Department of Computer Science organized a seminar on “Emerging Technologies in Computer Science” by Dr. Fr. Anil George Konkoth - Assistant Professor, Department of Computer Science, St. Thomas College, Thrissur on 6/9/2018



The Department of Sociology arranged a certificate course cum workshop in collaboration with Community College division on “The Basic Function of Modern Personal Computer” for 1st BA students during the first week of July.



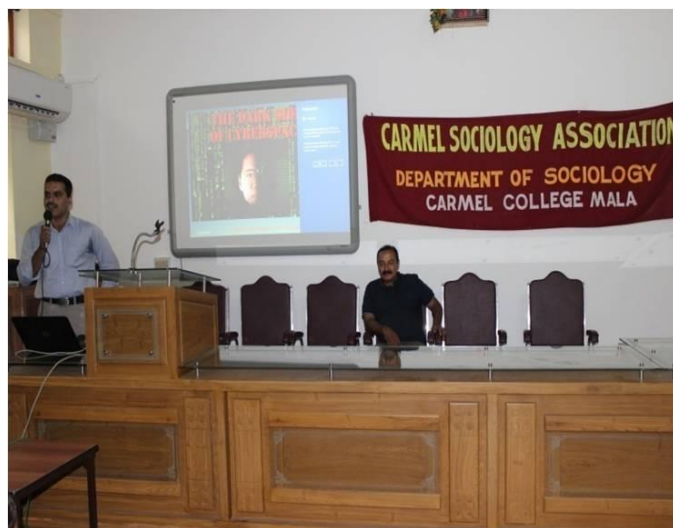
The Vth semester students of B.Voc Multimedia and Software Development took class on “Office Automation” and “Photoshop” for first year students on 27th January 2017



The Multimedia stream of the department of Vocational Studies conducted a workshop on “Advanced Multimedia Software” by Manager, Flame School of Animation and VFX, Thrissur on 21st December 2016



The Department of Computer Science organized a lecture on “Malayalam Speech Recognition System” by Dr. Sonia Sunny, Vice Principal, HOD of Computer Science Department, Prajyoti Niketan College, Pudukkad on 20.09.2016



The Department of Sociology organized an awareness class on cybercrime and cyber laws - “Dark Side of Cyber Space” by Mr. Sujith C (Civil Police Officer Cyber cell, Mala) on 20-07-2016



The Department of Computer Science conducted a computer awareness programme on behalf of NDLM in the month of June 2016