



ALL SAINTS' COLLEGE

TRIVANDRUM, KERALA

ADD ON/ CERTIFICATE COURSES OFFERED
2021-22

**CERTIFICATE COURSE IN DIPLOMA IN
COMPUTER APPLICATION**

2021-2022



**DEPARTMENT OF CHEMISTRY
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM**

**IN COLLABORATION WITH

CENTRE FOR CONTINUING EDUCATION KERALA
GOVERNMENT OF KERALA
&
NATIONAL SKILL DEVELOPMENT CORPORATION**

**Co-ordinator: Dr. SIJI V L
ASSISTANT PROFESSOR
DEPARTMENT OF CHEMISTRY
ALL SAINTS' COLLEGE**

An MoU has been signed with Centre For Continuing Education Kerala, Government of Kerala, National Skill Development Corporation and the Department of Chemistry, All Saints' College, Thiruvananthapuram. They have agreed to conduct a Certificate course on "Diploma in Computer Application" and vocational training Programme in "Domestic Data Entry Operator (SSC/Q2212)-IT-ITES Sector" for students of All Saints' College on payment of a fee amount of Rs. 7000/- per student. The duration of this course was six months. They have followed a unique step by step, systematic and employable skill development program. As part of this, training sessions were conducted in both online and offline mode. One hour session was conducted on each day which was indeed a great platform for our students to develop an industry integrated awareness and meet the expectations on application development. A trainer was assigned to students and periodic assessment was also conducted to monitor the progress of students and two certificates were issued to all students based on their assessment. Marks were given out of total mark of 750 and grades were also assigned.

Reshmi
Principal,
All Saints' College
Thiruvananthapuram.



SYLLABUS OF THE COURSE

Informatics (DC 01)

Chapter 1 Introduction to Information Technology

Chapter 2 Computer Organization

Chapter 3 Memory

Chapter 4 Secondary Memory

Chapter 5 Input Devices

Chapter 6 Output Devices

Chapter 7 Computer Software

MS OFFICE & INTERNET (DC 02)

Chapter 1 Office Automation

Chapter 2 Microsoft Word

Chapter 3 Microsoft Excel

Chapter 4 Microsoft Power Point

Chapter 5 Introduction to Database Management

Chapter 6 Internet & Email

LINUX AND OPEN OFFICE (DC 03)

Chapter 1 Introduction to Linux

Chapter 2 Open Office - Write

Chapter 3 Open Office- CALC

Chapter 4 Open Office Impress

PC TECHNIQUES (DC 04)

Chapter 1 Parts of a PC

Chapter 2 Windows OS Installation

Chapter 3 Computer Networks

MALAYALAM COMPUTING (DC 05)

Chapter 1 Malayalam Computing

Rashmi
Principal
All Saints' College
Thiruvananthapuram-7



Course Outcomes

Provided basics in computer software and government of Kerala recognized Certificate as well as certificate from NSDC as domestic data entry operator.

Student List

SL No	NAME OF THE STUDENT
1	Elizabeth Antony
2	Ashina Salim
3	Arya S Kumar
4	Shilpa J S
5	Lekshmi Ratna R R
6	Angel S George
7	Sona T
8	Ancy Xavier
9	Aysha Shameena M
10	Ancy M
11	Aiswarya
12	Sruthy S Nair
13	Archana R
14	Lekshmi V N
15	Gopika G Nair
16	Akshaya B
17	Joshna J Bosco
18	Anaida Saji
19	Susmitha M S
20	Akhila G
21	Aswathy Venugopal
22	Athira S
23	Gayathri V N
24	Divya Sukhesan
25	Resmi R S
26	Megha Rajendran
27	Athira K
28	Gritty Thomas
29	Ammu A S
30	Gauthamy Murali
31	Anagha S
32	Devika A S
33	Keerthana Francis

Resmi
Principal
All Saints' College
Thiruvananthapuram



Sample Certificate

Certificate

This is to certify that ADARSH SALINI P has successfully completed

Vocational Training Programme in DOMESTIC DATA ENTRY OPERATOR (DSO/DET)

IT-DSO SECTOR and have passed the final examination

held on 20/08/2022. He/She has been awarded A+ grade.

Online Candidate ID: CAN_1158141
Date of Issue: 20/8/2022



Issued by: ADARSH P
NIPTE, THIRU - TRIVANDRUM
An Approved Training Partner of NIPTE


Coordinator (Training Partner)
NIPTE, Training Partner

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GOVERNMENT OF INDIA
MINISTRY OF SKILLS DEVELOPMENT

GOVERNMENT OF KERALA
DEPARTMENT OF SKILLS DEVELOPMENT

GOVERNMENT OF TRIPURA
DEPARTMENT OF SKILLS DEVELOPMENT

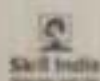
Sl. No.	Name of the Candidate	Registration No.	Grade
1	ADARSH SALINI P	CAN_1158141	A+

Signature of the Candidate


Signature of the Coordinator


Reshmi
Principal
All Saints' College
Thiruvananthapuram-7





Certificate

This is to certify that Mr/Ms DIVYA SURESH D has successfully completed
 Vocational Training Programme in DOMESTIC DATA ENTRY OPERATOR (BASIC/ADV)
IT-IBB SECTOR and have passed the final examination
 held on JANUARY 2022. He/She has been awarded AC grade.

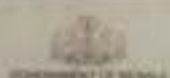
Online Candidate ID: GAN_VINAYAN
 Date of Issue: 15/01/2022



Issued by: NIPTE
NIPTE
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[Signature]
 Director of Training
 NIPTE Training Partner

For more information visit: www.nipite.org



CENTRE FOR CONTINUING EDUCATION KERALA



CERTIFICATE



Issued on: 22/01/2022
 Approved on: 22/01/2022 Under the Scheme of 2022/2022

Issued to: Mr/Ms DIVYA SURESH D
 Has successfully completed the course: DOMESTIC DATA ENTRY OPERATOR

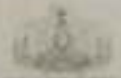
At State College, Thiruvananthapuram

For the purpose of: Academic

The candidate has been awarded Grade: A for the performance

for the examination conducted on: January 2022

For more information visit: www.nipite.org



CENTRE FOR CONTINUING EDUCATION KERALA

CERTIFICATE

Issued on:	<u>22/01/2022</u>
Approved on:	<u>22/01/2022</u>
Under the Scheme of:	<u>2022/2022</u>

Subject	Score Obtained	Grade
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>
Domestic Data Entry Operator (Basic/Adv)	<u>100</u>	<u>A</u>

For the purpose of: Academic

The candidate has been awarded Grade: A for the performance

for the examination conducted on: January 2022

For more information visit: www.nipite.org

Reshmi

[Signature]
 All Saints' College
 Thiruvananthapuram





Govt. of Kerala



CENTRE FOR CONTINUING EDUCATION KERALA DCA Training Programme

Course	: Diploma in Computer Application
Duration	: 6 Months
Eligibility	: SSLC & Above
Course Fee	: Rs. 7000/- + GST
Installments	: Rs. 2000/- + 2500 X 2 In alternate Months (GST Extra)

Information to the Students

1. CCEK യുടെ DCA Course Programme ന്റെ പ്രത്യേകതകൾ?

Centre for continuing Education, Kerala (CCEK) യുടെ DCA Course Programme ന് കേരള PSC യുടെ അംഗീകാരമുള്ളതിനാൽ ഗവൺമെന്റ് ജോലി ലക്ഷ്യമാക്കുന്ന എല്ലാവർക്കും ഈ കോഴ്സ് പ്രോഗ്രാം വളരെയധികം പ്രയോജനപ്രദമാണ്. ഓഫീസ് ഓട്ടോമേഷൻ, ഇലക്ട്രോണിക്സ് വാഗ്ദാന പ്രൊസസ്സിംഗ് തുടങ്ങിയ മേഖലകളിൽ വിജ്ഞാപനങ്ങളെ പ്രാവീണ്യമാക്കുക എന്നതാണ് ഈ കോഴ്സുമായി CCEK ഉദ്ദേശിക്കുന്നത്.

2. CCEK യുടെ DCA Course Programme ന്റെ പ്രധാന്യം?

CCEK യുടെ DCA Course Programme കേരള PSC യുടെ അംഗീകാരമുള്ളതിനാൽ കേരള ഗവൺമെന്റ് ജോലി ലക്ഷ്യമാക്കുന്നതിനായി തയ്യാറെടുക്കുന്ന വിജ്ഞാപനങ്ങൾ ഈ കോഴ്സ് ചെയ്യുന്നത് അവരുടെ ജോലി സാധ്യത വർദ്ധിപ്പിക്കുന്നു. കേരളത്തിലുടനീളം വിവിധ വിദ്യാഭ്യാസ സ്ഥാപനങ്ങൾ വരി ഈ കോഴ്സ് നടത്തപ്പെടുന്നതിനാൽ വിജ്ഞാപനങ്ങൾക്ക് അവരുടെ സമീപ പ്രദേശങ്ങളിലുള്ള കോളേജുകളിൽ തന്നെ അഡ്മിഷൻ എടുത്തു പഠിക്കുന്നതിനും കേരള ഗവൺമെന്റ് സർട്ടിഫിക്കറ്റ് നേടുന്നതും സാധിക്കുന്നു.

3. ഈ കോഴ്സ് ആർക്കെല്ലാം പഠിക്കാവുന്നതാണ്?

SSLC പാസ്സായിട്ടുള്ള ആൺകുട്ടികൾക്കും പെൺകുട്ടികൾക്കും ഈ കോഴ്സിന് പേർക്ക് പഠിക്കാവുന്നതാണ്. വളരെ എളുപ്പത്തിൽ പഠിച്ചെടുക്കാൻ സാധിക്കുന്ന ഒന്നിനാണിത്. ഈ കോഴ്സിന്റെ സിലബസ് രൂപകൽപ്പന ചെയ്തിരിക്കുന്നത്.

4. ഈ കോഴ്സ് Part time ആയി പഠിക്കുവാൻ സാധിക്കുമോ?

തീർച്ചയായും, മറ്റ് Academic കോഴ്സുകൾ പഠിക്കുന്നവർക്കായി 2 മണിക്കൂർ ദൈർഘ്യമുള്ള Batch കളും ജോലിയിൽ ഏർപ്പെട്ടിരിക്കുന്നവർക്കായി Evening Batch, ഗനി, ഓഡിറ്റ് റിവന്യൂകളിലും ഒരുക്കിയിട്ടുണ്ട്. Batch Time തിരഞ്ഞെടുക്കുന്നതിന് മുൻപ് പ്രസ്തുത കോളേജുകളുടെ Helpline Number നായി ബന്ധപ്പെട്ട് ക്ലാസ്സ് ടൈം ഉറപ്പുവരുത്തേണ്ടതാണ്.

Contact

Website: ccekcampus.org

Ph: 8606919315

5. കോഴ്സ് ഫീ എങ്ങനെയാണ് അടയ്ക്കേണ്ടത്?

DCA Course Programme ന് കേന്ദ്ര- സംസ്ഥാന തലങ്ങളെന്ത് നിഷ്കർഷിച്ചിരിക്കുന്ന വിവിധതരത്തിലുള്ള നികുതികൾ അധികമാകുന്ന പക്ഷം, വിദ്യാർത്ഥികൾ അത്തരത്തിലുള്ള നികുതികൾ അടയ്ക്കുവാൻ ബാധ്യസ്ഥരാണ്.

നികുതി ഇനത്തിൽ അതത് കാലഘട്ടങ്ങളിൽ വരുന്ന മാറ്റങ്ങൾ ഈ കോഴ്സിനും ബാധകമായിരിക്കും.

അഡ്മിഷൻ സമയത്ത് Rs.2000/- + GST അടച്ച് തുടർന്നുള്ള മാസങ്ങളിലായി Rs. 2500/- + GST പ്രകാരം 2 തവണകളിൽ ഫീസ് മുഴുവനായും അടയ്ക്കേണ്ടതാണ്.

6. SC/ST/BPL വിദ്യാർത്ഥികൾക്ക് ഏതെങ്കിലും തരത്തിലുള്ള ആനുകൂല്യങ്ങൾ ലഭ്യമാണോ?

SC/ST വിദ്യാർത്ഥികൾക്ക് 10% വും BPL വിദ്യാർത്ഥികൾക്ക് 5%യും സീറ്റ് സംവരണം ചെയ്തിട്ടുണ്ട്. സംവരണ സീറ്റിലേക്കുള്ള പ്രവേശനം മെറിറ്റ് അടിസ്ഥാനത്തിലായിരിക്കും. ഈ സീറ്റുകളിലേയ്ക്ക് പ്രവേശനം ലഭിക്കുന്ന വിദ്യാർത്ഥികൾക്ക് കോഴ്സ് ഫീസിൽ 50% ഇളവ് ലഭിക്കുന്നതാണ്. പ്രവേശന സമയത്തുതന്നെ BPL വിദ്യാർത്ഥികൾ റേഷൻ കാർഡിന്റെ സെൽഫ് അറ്റസ്റ്റഡ് കോപിയും, വരുമാനസർട്ടിഫിക്കറ്റിന്റെ ഒറിജിനൽ കോപിയും ഹാജരാക്കേണ്ടതാണ്. SC / ST / SEBC / OEC വിദ്യാർത്ഥികൾ ജാതി തെളിയിക്കുന്ന രേഖയുടെ ഒറിജിനൽ ഹാജരാക്കേണ്ടതാണ്. വൈകിടസമർപ്പിക്കുന്ന രേഖകൾ പരിഗണിക്കുന്നതല്ല.

7. വിദ്യാർത്ഥികളുടെ പഠന നിലവാരം ഉറപ്പുവരുത്തുന്നതിനായി ഏതെല്ലാം നടപടികളാണ് സ്വീകരിച്ചിട്ടുള്ളത്?

വ്യത്യസ്ത വിദ്യാഭ്യാസ തോതുകളുള്ള വിദ്യാർത്ഥികൾക്ക് ഒരേ പോലെത്തുള്ള ഉയർന്ന പഠനനിലവാരം ഉറപ്പുവരുത്തുന്നതിനായി രൂപീകരിച്ച Student Performance Evaluation System (SPE Kit) വളരെതേവെ പ്രയോജനകരമായിരിക്കും. ഈ SPE Kit ന്റെ സഹായത്താൽ കോഴ്സിന്റെ ഒരോ ഭാഗവും വിദ്യാർത്ഥികൾക്കും തുടർന്ന് അവരുടെ ക്ലേിതാക്കൾക്കും പരിശോധിക്കുവാനും ഓരോ ഭാഗവും വ്യക്തമായി പഠിച്ചതിന് ശേഷം മാത്രം അടുത്തഭാഗം പഠിക്കുവാനും വിദ്യാർത്ഥികൾക്ക് കഴിയുന്നു. തന്മൂലം കോഴ്സിന്റെ പഠനനിലവാരം സ്ഥാപനത്തിനോടൊപ്പം തന്നെ വിദ്യാർത്ഥികൾക്കും ക്ലേിതാക്കൾക്കും ഒരുപോലെ ഉറപ്പുവരുത്താൻ സാധിക്കും.

8. കോഴ്സ് കഴിഞ്ഞ് ലഭിക്കുന്ന സർട്ടിഫിക്കറ്റിന്റെ പ്രത്യേകതകൾ?

കോഴ്സ് വിജയകരമായി പൂർത്തിയാക്കിയ വിദ്യാർത്ഥികൾക്ക് കേരളാ ഗവൺമെന്റിന്റെ തുടർവിദ്യാഭ്യാസ കേന്ദ്രം നൽകുന്ന കേരള സർക്കാർ മുദ്രയും ഹോളോഗ്രാമുള്ള സർട്ടിഫിക്കറ്റായിരിക്കും ലഭിക്കുന്നത്. സർട്ടിഫിക്കറ്റിൽ Online Verification സൗകര്യം ഉള്ളതിനാൽ തൊഴിൽ ദാതാക്കൾക്ക് Authentication code (ID Number), Internet ലൂടെ Verify ചെയ്ത്, സർട്ടിഫിക്കറ്റിന്റെ നിജസ്ഥിതി ഉറപ്പുവരുത്താൻ സാധിക്കുന്നു.



Contact




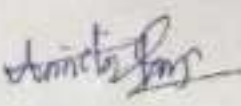

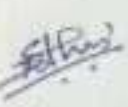


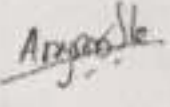

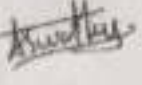


Website: ccekcampus.org

Ph: 8606919315

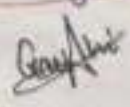

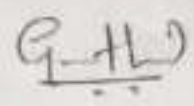




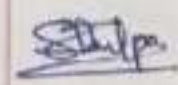
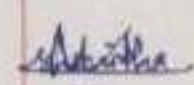



Standard

Percentage of Attendance

DCA COURSE CERTIFICATE

Sl.No.	Name	Signature	Received Date
1.	Joshna J Bosco		Received the certificate 03/06/2022
2.	Aishwarya S.S		Received the certificate 03/06/2022
3.	Gopika G. Nair		Received the certificate 06/06/2022
4.	Amalida Saji		Received the certificate 06/06/2022
5.	Akhila G.		Received the certificate 06/06/2022
6.	Snulhi S. Nair		Received the certificate 06/06/2022
7.	Lekshmi V.N		Received the certificate 06/06/2022
8.	Ashina Salim P		Received the certificate 06/06/2022
9.	Anya S. kumar		Received the certificate 06/06/2022
10.	Preraj A		Received the certificate 07/06/2022
11.	Aswathy Vamegopal		Received the certificate 08/06/2022
12.	Athira K		Received the certificate 08/06/2022
13.	Divya Suresh		Received the certificate 08/06/2022



Sl. No.	Name	Signature	Received Date
14.	Gayathri V.N		Received the certificate 8/6/2022.
15.	Athira S		Received the certificate 8/6/2022
16.	Gauthamy Murali		Received the certificate 8/6/2022.
17.	Amma A.S.		Received the certificate 8/6/22
18.	Akshaya B		Received the certificate 10/6/22
19.	Anagha S		Received the certificate 13/6/22
20.	Anny M		Received the certificate 13/06/2022
21.	Shilpa J.S		Received the certificate 15/06/2022
22.	Sumitha M.S		Received the certificate 17/06/2022
23.	Archana R		Received the certificate 21.06.2022.
24.	Elizabeth Antony P		Received the certificate 23/06/2022
25.	RESMI R.S		Received certificate 24/06/22



Lekshmi Ratna. R.R.
Devika. A-s

~~He~~
Devika

Received Date
Certificate received
24/06/22
Certificate received
12/7/22



Dr. SIJIV L



Dr. SUNITA KURUR



Dr. RESHMI R PRASAD

(TEACHER IN CHARGE) (HEAD OF DEPARTMENT) (PRINCIPAL)

Principal
All Saints' College
Thiruvananthapuram-7



NATIONAL SKILL DEVELOPMENT CORPORATION [NSDC] CERTIFICATE

Sl. No.	Name	Signature	Received date
1.	Shilpa. I.S	<u>Shilpa</u>	Received the certificate on 15/06/2022
2	Aswathy Venugopal	<u>Aswathy</u>	Received the certificate on 16/06/2022.
3	Anny. M	<u>Anny</u>	Received the certificate 16/06/2022
4.	Susmitha M.S.	<u>Susmitha</u>	Received the certificate 17/06/2022
5.	Anaida Saji	For <u>Susmitha</u> Susmitha M.S.	Received the certificate 17/06/2022
6.	Akhila. G.	For <u>Susmitha</u> Susmitha M.S.	Received the certificate 17/06/2022
7.	Sona. T	For <u>Pritya A</u> <u>Pritya</u>	Received certificate 17/06/22
8.	Joshna J Bosco	<u>Joshna</u>	Received the certificate 17/6/2022
9.	Aliswarya S.S	For <u>Aliswarya</u>	Received certificate 19/06/22
10	ARCHANA.R	<u>Archana</u>	Received the certificate on 21-06-2022
11	Lekshmi V. N	<u>Lekshmi</u>	Received the certificate on 21-06-2022.
12	SRUTHI S NAIR	<u>Sruthi</u>	
13.	Geopika G. Nair	<u>Geopika</u>	
14	Abhisak	<u>Abhisak</u>	Received the certificate 20/6/2022.
15	Elizabeth Antony P	<u>Elizabeth</u>	Received the certificate 23/6/2022



Sl. No.	Name	Signature	Received Date
16.	RESMI. R.S	<u>RS</u>	Certificate Received. 24/6/22
17.	Lekshmi Ratna. P.R	<u>SR</u>	certificate received 27/6/22.
18	Gauthamy Murali	<u>G.H</u>	certificate received 29/6/22
19.	Anoma. A.S.	<u>AS</u>	certificate received 29/6/22
20)	Jyoti. A.S	<u>AS</u>	certificate received 29/6/22
21)	Akshaya B	<u>AB</u>	certificate received 12/5/22
22)	Athira. S	<u>AS</u>	Certificate received 12/7/22
23)	Gayathri. VN	<u>GV</u>	Certificate received 15/7/22
24)	Anagha. S	<u>Anagha</u>	Certificate received 18/7/22.
			certificate received 17/7/22

Dr. Sijiv

Sunita

Resmi

Dr. SIJIVL

Dr. SUNITA KURUR

Dr. RESMI R PRASAD

(Teacher in Charge)

(HEAD OF DEPARTMENT)

(PRINCIPAL)



Principal
St. Mary's College
Thiruvananthapuram

The background of the cover is a dark blue gradient. It features a complex pattern of glowing blue lines that resemble circuit traces or data paths, originating from the left and extending towards the right. Interspersed among these lines are numerous small, bright blue dots and larger, more prominent glowing nodes, creating a sense of digital activity and connectivity.

CYBER SECURITY REPORT

THE COURSE AND IT'S OUTCOMES

- In the present digital era, the role of the internet and it's influence on the student community is a matter of serious concern. Cyber crimes are increasing day by day.
- Gadgets like computers and mobile phones need to be monitored with care and caution.
- Through this course, students can tackle offenses like cyber bullying, cyber stalking, malware, phishing, etc...
- They are able to surf in cyber space in an efficient manner by identifying cyber criminals.

ALL SAINTS' COLLEGE 
DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

In association with
MANOJ & CHITRA
INTERNATIONAL LEGAL SERVICE PROVIDERS
&
STRAVA TECHNOLOGIES PVT LTD
Organize

VALUE ADDED CERTIFICATE COURSE 2021-2022

CYBER SECURITY FUNDAMENTALS

DATE OF COMMENCEMENT
03.07.2021
DURATION: 30 hours

COURSE CO-ORDINATOR
Dr Parvathy Menon
Contact No: 9846538533

ORGANIZING TEAM
Dr Lekha Rani M.L.
Dr Vijayakumari K.
Dr Vidya Nair

Patron: Rev. Mother Mary Frances
Director: Dr. Selinda Pereira
Principal: Dr Reshmi R. Prasad

CERTIFICATE



ALL SAINTS' COLLEGE
TRIVANDRUM



Course Completion Certificate



This is to certify that Lakshmi.P.S of DC II Economics has successfully completed the 30 hour Certificate Course on 'Cyber Security Fundamentals' [HIS.C.21.1] organised by the Department of History & Political Science, All Saints' College in collaboration with Manoj and Chitra International Legal Service Providers and Strava Technologies (P)Ltd from 3rd July 2021 to 1st October 2021.



Adv. Manoj Pillai
Manoj and Chitra International
Legal Service Providers

Dr. Meshmi R. Prasad
Principal
All Saints' College

Dr. Lekha Rani M.L.
Head
Department of History

Dr. Parvathy Menon
Course Coordinator
Department of History

ATTENDANCE REGISTER FOR THE MONTH

OF

STD

SEC

End Exam Marks (50)

			STU										SEC										Exit Exam Marks (50)																
S. No	Admission No.	Exam No.	Name of the Pupil	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. of Present	Percent	Local	Examin. Marks	Remarks
				Jul 3	Jul 4	Jul 10	Jul 13	Jul 24	Jul 31	Aug 7	Aug 14	Aug 21	Aug 28	Sept 4	Sept 11	Sept 18	Sept 25	Oct 1																					
1			A.V. Meenakshi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
2			Abija P.B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	49		
3			Akshaya Krishna L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	48		
4			Andrea Paulose	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50		
5			Andrea Smorie Denis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	45		
6			Anishma R.P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	42		
7			Anupama S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	48		
8			Aparna M	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	41		
9			Architha K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	42		
10			Arunapriya U.G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	45		
11			Aswathy Anil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	46		
12			Atmalya P Nair	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	49		
13			Ayushi Ajith Gopon	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50		
14			Belgona Ferbin Nizar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	42		
15			Devishree Manoj	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	44		
16			Feshwari Nandana S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	49		
17			Fathima H	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	46		
18			Ganga M. Praveen	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	44		
19			Gobika Unni	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	43		
20			Gobika V.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	41		
21			Lekshmi P.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	42		
22			Layana Gopon	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	45		
23			Malavika R.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	48		
24			Meenakshi Mohan U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	44		
25			Meghna Bijukumar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50		
26			Neelanjali J.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	42		
27			Neethu Thulasi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	41		
28			Niketha S Suresh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	39		
29			Nikhila A.R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	45		
30			Niyuktha Johnymon	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50		
31			Parvathy Venugopal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	47		
32			Rhea Bhajay	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	44		
33			Shalini R.P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																					

No. absent at the beginning of the month

No. left or struck off during the month

No. absent during the month

No. absent at the end of the month

No. of School days

Average attendance during the month

Average No. absent during the month

Certified attendance marked as correct in M.L. Teacher

ATTENDANCE REGISTER FOR THE MONTH

OF

STD

SEC

Ent Exam Marks (CC)

Sl. No.	Name of the Pup.	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Avg	Present	Absent	Excused	Remarks
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Avg	Present	Absent	Excused	Remarks
1	U. Sreedevi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
2	Vaisha Sunil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
3	Vani U. K.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

50

47

45

Name & Signature of co-ordinator.

Pamaly M.
De. Pamaly M.

Name and Signature of HoD

Lekha Rani M.
De. Lekha Rani M.

Name and Signature of Principal

Pooja R.
Prin. (R) Pooja R. Pooja



No. Present Early Morning

Initial of the Teacher

No. Present Early Afternoon

Initial of the Teacher

No. absent at the beginning of the month

No. left or stuck at during the month

No. absent during the month

No. absent at the end of the month

No. of School days

Average attendance during the month

Average No. present during the month

Control attendance marked in (check) to M. Teacher

DEPARTMENT OF HISTORY & POLITICAL SCIENCE
ALL SAINTS' COLLEGE, THIRUVANATHAPURAM
COURSE SUMMARY REPORT

CYBER SECURITY FUNDAMENTALS

The Department of History and Political Science of All Saints' College conducted a Certificate Course on Cyber Security Fundamentals. The course was conducted in association with Strava Technologies Pvt. Ltd. and Manoj and Chitra International Legal Service Providers. The 30-hour certificate course was conducted from 3rd July 2021 to 1st October 2021. The course co-ordinator was Dr. Parvathy Menon. There were 150 students from various departments of the college participated in this course. They were grouped into three batches. The course was organised mainly to provide an awareness for the students about cyber crimes, cyber laws and the precautions and solutions while dealing with a cyber crime. Group discussions and debates were conducted on the prevailing cyber issues. Students received a wide knowledge on Cyber security.

There were sessions on Introduction to Cyber Security, Practical solutions for Cyber Attacks, Cyber Hacking, Cyber Bullying, how to secure data and information online, Detailed explanation about cyber-attacks like ransomware, Phishing, Surfing on Cyber space safety and Threads and precautions to be followed during surfing, Cyber security policy to be adopted by employers, how to use social media, how to understand cookies and post matters without compromising privacy. Case study on various policies in various company and privacy policy on social media, Discussion forum on ransomware and how to tackle with the help of cyber police force, Cyber forensic and protection of rights and duties of internet users were discussed. Regular Court Procedures and online procedures to be followed when cyber-crimes are committed, Sexual offences against women using internet, Crypto currencies and related legal issues in India Information Technology Act and its relevance to cyber crimes, Jurisdiction of cyber-crimes and pronounced case laws discussion on cybercrimes by Supreme Court of India and All High Courts in India, Comparative study on cyber-crime prevention methodology with other countries were also dealt with. Certificates were provided to the students after the successful completion of the course.

Course Coordinator



Rashmi
Principal
All Saints' College
Thiruvananthapuram-2



ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM



ADD ON COURSE

FAMILIARISATION OF ONLINE TOOLS



CONDUCTED BY

DEPARTMENT OF PHYSICS

2021-22

About the Course

Eligibility: UG/PG ongoing students

Course period: 30 hrs

Features

This course provides information on various online tools that assist in the teaching and learning process. Web tools offer innovative ways to creatively communicate, present content, and collaborate with others.

Course Content

Online Learning Tools and Technologies, Features and Effectiveness of E-learning Tools , E-Learning-Tools, Techniques & Trends, Web Technologies for Collaborative Learning in Distance Education

Benefits

At the end of this course, you will be able to

- **Learn about a wide variety of online tools to use in your teaching and learning.**
- **Introduce you to popular Web tools like Edmodo, Twitter, Voicethread, and Skype in K-16 instruction etc.**
- **You will also learn how to effectively integrate these technologies into your classroom practices and create engaging student activities.**

For more details contact



***Course Coordinator/ HoD Physics,
All Saints' College, Thiruvananthapuram
Or Mail to physicsallsaints@gmail.com***



All Saints' College
Trivandrum

CERTIFICATE OF COMPLETION

This is to certify thatAnagha C S..... has successfully completed the 30 hour Add-on certificate course on "Familiarisation of Online Tools" from 01/12/2021 to 31/03/2022, which was organised by the Department of Physics, All Saints' College, Thiruvananthapuram

Dr. Dhanya Chandran
Course Co-ordinator

Dr. P S Anjana
Head of the Department

Dr. Reshmi R Prasad
Principal



All Saints' College
Trivandrum

Post Graduate Department of Physics

Students List

Add on course on

Familiarisation of Online Tools (PHY.A21.1)

Sl.No	Name	Department	Class
1	ALSHIFA LATHEEF	Physics	UG S4
2	AMRITHA G BABU	Physics	UG S4
3	ANCY ANTONY	Physics	UG S4
4	ARCHANA P J	Physics	UG S4
5	DEVI KANGAN B S	Physics	UG S4
6	GOPIKA G L	Physics	UG S4
7	GOPIKA KRISHNA S S	Physics	UG S4
8	SONA R SURESH	Physics	UG S4
9	THERESA MATHEW	Physics	UG S4
10	AGITHA JYOTHISH	Physics	UG S4
11	ARYA S PRASAD	Physics	UG S4
12	ASWATHY B	Physics	UG S4
13	FELSA ANN	Physics	UG S4
14	GOPIKA B S	Physics	UG S4
15	GOPIKA M	Physics	UG S4
16	LEKSHMI BALAJI	Physics	UG S4
17	MANJIMA G ANIL	Physics	UG S4
18	MEGHA HARI S	Physics	UG S4

Sl.No	Name	Department	Class
19	PARVATHY VENUGOPAL	Physics	UG S4
20	SHIBINA SHEHZADI	Physics	UG S4
21	SNEHA SURESH	Physics	UG S4
22	SRADHA NAIR S	Physics	UG S4
23	ABHIRAMI SUDHAKAR	Physics	UG S4
24	ADITHYA B	Physics	UG S4
25	ANN MARY	Physics	UG S4
26	DHARA KRISHNAN B S	Physics	UG S4
27	PREETHI KRISHNAN	Physics	UG S4
28	RAMYA DABER	Physics	UG S4
29	SANIA M PHILIP	Physics	UG S4
30	ANAGHA C S	Physics	PG S4
31	ANCY PATRICK	Physics	PG S4
32	APARNA P	Physics	PG S4
33	ARSHA S	Physics	PG S4
34	HEEBA R P	Physics	PG S4
35	JOMOL AJI	Physics	PG S4
36	JUNAIDA S	Physics	PG S4
37	LEKSHMI M J	Physics	PG S4
38	LENITTA RAJ M	Physics	PG S4



Rashmi
Principal
Ali Saini College
Private City, India

Department of Physics

Familiarisation of Online Tools (PHY.A21.1)

Course Duration: 30hrs

Course Description

Welcome to Familiarisation of Online Tools, a graduate level course designed to provide information about a wide variety of online tools to use in your teaching and learning. Web tools provide innovative ways to communicate, present content, and collaborate with others in creative ways. Web tools are easy to learn, use, and implement, and many are free.

Course Objectives

At the completion of course, you will be able to:

- Learn about a wide variety of online tools to use in your teaching and learning.
- Introduce you to popular Web tools like Edmodo, Twitter, Voicethread, and Skype in K-16 instruction etc.
- You will also learn how to effectively integrate these technologies into your classroom practices and create engaging student activities.

Syllabus

Module 1- Online Learning Tools and Technologies (6 hrs)

Introduction, Historical developments, use of online learning in distance education, Distance education and the quality of learning, Costs and benefits

Module 2- Features and Effectiveness of E-learning Tools (8 hrs)

Features of E-learning: Connectivity or networking, Flexibility, Interactivity and collaboration, Virtual Learning Environment (VLE), Types of E-learning tools, E-learning and pedagogic principles, some applications of e-learning.

Module 3- E-Learning-Tools, Techniques & Trends (6 hrs)

Components of E-learning, Types of E-learning, Effective E-Learning: Analysis, design and development, Techniques of E-learning, Advantages of E-learning, Trends in E-Learning, Future development in the Sector of E-learning suppliers.

Module 4- Web Technologies for Collaborative Learning in Distance Education (10hrs)

Weaknesses and Challenges in the use of Web for collaborative learning, Current status of E-learning systems, Education vs. training, Collaboration Mechanisms, Teams: Virtual and Face-to-Face, Communities of Practice, Action Learning Sets, Six Thinking Hats, Mind Maps, Social Technologies.



Post Graduate Department of Physics

Course Summary

Familiarisation of Online Tools (PHY.A21.1)

Thirty hours Add on course on '**Familiarisation of Online Tools**' is organized and conducted from 01/12/2021 to 31/03/2022 by the Post Graduate Department of Physics, All Saint's College, Thiruvananthapuram. The objective of the course is to provide information about a wide variety of online tools which would help the students in their learning process. Thirty-eight students registered for the course and all the students attended the exit exam. Certificate was also awarded to them upon successful completion of the course. The mentioned course outcome has been achieved by all the students.



Reshma
Principal
All Saints' College
Thiruvananthapuram-7

ALL SAINTS' COLLEGE

THIRUVANANTHAPURAM , KERALA



Add on Course

“Guide to Research Writing and Ethics”



Features:

- The course will help you provides guidelines for the responsible conduct of research.
- At the end of this course, you will be able to know how to navigate the legal, social and regulatory framework in which scientific research is conducted.

*Students who will benefit most:
Postgraduate & undergraduate students*

*Course
period:
30 hrs*

Conducted by

Post Graduate Department of Physics
2021-2022

Post Graduate Department of Physics

Guide to Research Writing and Ethics (PHY.A21.2)

Course Duration: 30hrs

Course Co-ordinator: Dr. Motty G S

Course Description

Welcome to Guide to Research Writing and Ethics, a short term course designed to help you develop your research and writing skills. This course will help to teach you the basic research and writing skills that are necessary for clear and accurate written communication. The ultimate goal of this course is to provide you to deliver clear written communication, not just for your studies but for your entire lifetime and also, the importance of Ethics, moral conduct which we need throughout life.

Course Objectives

At the completion of course, you will be able to:

- Various steps in the writing process
- Brainstorm possible topics for a writing report
- Define your readers the purpose and layout of your report
- List of sources that are used in writing the report
- Describe some ways of organizing your research
- Explain the importance of citations
- Understand the importance of ethics in research

Assessment Method

Certification will be done based on the successful submission of assignments at the end of the course.

Syllabus

Module 1-Introduction to the writing process (7hrs)

Meaning of Interpretation, Significance of Report Writing, Different Steps in Writing Report, Layout of the Research Report.

Module 2- Types of Reports and Mechanics of Writing a Research Report (7 hrs)

Types of research report: Dissertation and thesis, research paper, review article, short communication, conference presentation, meeting report, Structure and organization of research reports: Title, abstract, key words, introduction, methodology, results, discussion, conclusion, acknowledgement, references, footnotes, tables and illustrations. Use of reference managing soft wares, Impact factor, rating, indexing and citation of journals.

Module 3-Precautions for Writing Research Reports (6 hrs)

Research ethics, responsibility and accountability of the researchers, Plagiarism and use of plagiarism detection software, types of plagiarism, Citation and style guides; Ethical and legal issues in writing; Revise, Proof read, publish and Follow-up.

Module 4- Ethics in Scientific Writing (10 hrs)

Research ethics, Good research practice, research integrity and scientific misconduct, Criteria and principles for good research practice, meaning of scientific misconduct and fraud, Cases and procedures for establishing misconduct, Responsibility for research and the results, The limits of responsibility, Risks and the precautionary principle, Ethical evaluation of research, Different kinds of Scrutinizing of research, procedures and ethical principles guiding research on human beings and animals, ethical consideration during animal experimentation including CPCSEA guidelines.

References

1. Research Methodology: C. R. Kothari, New Age International Publishers.
 2. K. Prathapan: Research Methodology for Scientific Research (IK International).
-

POST GRADUATE DEPARTMENT OF PHYSICS

All Saints' College, Thiruvananthapuram

Assessment Report

Add on Course-Guide to Research Writing and Ethics (PHY.A21.2)

****Evaluation is done based on the Assignment Submission.**

(Maximum mark is 15)

Sl. No	Register No of Candidate	Name of Candidate	Assignment	Mark Obtained Max:Mark-15
1.	23019100001	ANNIE.M	Submitted	15
2.	23019100002	GOURI BHADRAN	Submitted	15
3.	23019100003	GOWRI NAIR A S	Submitted	15
4.	23019100004	HARITHA H A	Submitted	15
5.	23019100005	JENNIFER KENNEDY	Submitted	14
6.	23019100006	NIRUPAMA B GONSALVEZ	Submitted	14
7.	23019100007	POOJA SUNIL	Submitted	15
8.	23019100008	RESHMI S	Submitted	15
9.	23019100009	SANDRA S S	Submitted	15
10.	23019100010	ADHEENA I SIVAN	Submitted	15
11.	23019100011	AJILA B S	Submitted	14
12.	23019100012	ANAINA SEBASTIAN	Submitted	14
13.	23019100013	ANJALI J B	Submitted	14
14.	23019100014	ANJU S	Submitted	15
15.	23019100016	ASWATHY REGHUNATH	Submitted	15
16.	23019100017	GEETHU SYAM S	Submitted	15
17.	23019100018	MAGDALENE XAVIER	Submitted	15

18.	23019100019	AKHNA S J	Submitted	15
19.	23019100020	ANJALI S	Submitted	15
20.	23019100021	JIPHA B N	Submitted	14
21.	23019100022	MEKHA J	Submitted	15
22.	23019100023	SONA MARIYAM SHYJU	Submitted	15
23.	23019100024	SONA S	Submitted	15
24.	23019100025	SOORYA SUNIL	Submitted	15
25.	63121100001	ABHIRAMI A S	Submitted	15
26.	63121100002	ALNA MANZOOR	Submitted	15
27.	63121100003	AMRUTHA K U	Submitted	15
28.	63121100004	ANNIE SUSAN MATHEW	Submitted	15
29.	63121100005	ARUNIMA A M	Submitted	15
30.	63121100006	ATHIRA V S	Submitted	15
31.	63121100007	CELIA LOUIS	Submitted	15
32.	63121100008	DEVIKA G BABU	Submitted	15
33.	63121100009	KARTHIKA R S	Submitted	15
34.	63121100010	MUNEERA S	Submitted	15
35.	63121100012	RESHMA J R	Submitted	15
36.	63121100013	RESHMA KRISHNAN S	Submitted	15
37.	63121100014	SREELEKSHMI R	Submitted	15


 IQAC CO-ORDINATOR
 ALL SAINTS' COLLEGE
 THIRUVANANTHAPURAM-7




 Principal
 All Saints' College
 Thiruvananthapuram-7

ALL SAINT'S COLLEGE

THIRUVANANTHAPURAM

CERTIFICATE OF COMPLETION

THIS IS AWARDED TO

.....*Gowri Nair A S*.....

for completing the 30 hours Add on course on “**Guide to Research Writing and Ethics (PHY.A.21.2)**”
organized by the **Post Graduate Department of Physics** during the year **2021-2022**.

dy-PS

Dr. Anjana P S

Head of the Department

Prof. Dr. Reshmi R Prasad

Principal

Motty

Dr. Motty G S

Course Coordinator



POST GRADUATE DEPARTMENT OF PHYSICS

All Saints' College, Thiruvananthapuram

Course Summary

Add on Course-Guide to Research Writing and Ethics (PHY.A21.2)

The add on course on Guide to Research Writing and Ethics is organised and conducted by the Post Graduate Department of Physics, All Saints' College, Thiruvananthapuram. This course is designed to provide the ideas of the basic research and writing skills that are necessary or clear and accurate written communication, thus enabling them to acquire an additional certificate along with their Degree certificates. The course is essential for undergraduate students and postgraduate students for their final year project submission. The course was co-ordinated by Dr.Motty G S. The course duration was 30 hrs and 37 students enrolled for this course. The course started on 01/11/2021 and ends on 11/02/2022. The course is held after regular class hours. The evaluation was based on the submission of assignment, maximum mark for the same is 15. The certificate was issued based on the successful submission of the assignment.



**Guru Angad Dev
Teaching Learning
Centre**

**S.G.T.B. Khalsa College
University of Delhi**



**Govt. of India
Pandit Madan Mohan
Malaviya National
Mission on Teachers and
Teaching (PMMMNTT)**

30 Hours Certificate Course on Entrepreneurship in LED Lighting Business

17 Sep-06 Nov 2021

Prof. A.K. Bakhshi
Vice-Chancellor, PDM
University, Haryana
Chairman, GAD-TLC

In collaboration with
**All Saints' College, Thiruvananthapuram
Bishop Moore College Mavelikara
Catholicate College Pathanamthitta
Bishop Chulaparambil Memorial College Kottayam
Christian College Kattakkada
St. Stephen's College Pathanapuram**

Dr. Vimal Rarh
Project Head &
Joint Director
GAD-TLC

Prof. Jaswinder Singh
Principal,
SGTB Khalsa College
Director, GAD-TLC



Prof. K.V. Bhanu Murthy
Professor, DTU
Vice-Chairman
GAD-TLC

About GAD-TLC of MHRD

“Guru Angad Dev Teaching Learning Centre” is a centre of MHRD under the Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNTT) of the MHRD, Govt. of India. The objectives of the Teaching Learning Centre are to prepare Modern age teachers. Under this centre many National level activities like Seminars, FDPs and workshops at both basic and advanced level are being conducted to empower the teachers in ICT skills, develop teaching kits / teacher's tools and ICT empowered pedagogies to enhance teaching-learning process. In its various programmes, around 15000 teachers across the nation have benefitted till now. GAD TLC is also organizing Student Specific Training Courses to upgrade their skills as required for their Professional Development.

**Guru Angad Dev
Teaching Learning
Centre**

**S.G.T.B. Khalsa College
University of Delhi**



**Govt. of India
Pandit Madan Mohan
Malaviya National
Mission on Teachers and
Teaching (PMMMNTT)**

Brief Description of Training Program

This training program is designed for UG/PG students, research scholars and professionals who are looking at demystifying the business, finance, technology & regulatory landscape of LED Lighting. In this program, information necessary to enter the business of LED Lighting Industry will be provided along with excellent networking opportunities. A candidate will be able to have an understanding of, Government policies, Fundamentals of LED, Fixtures and establishing business in a variety of options from small to high investment. The course will be conducted in a workshop mode (participative) and each session builds upon the others.

Registration fees:

Rs. 750/-

(Inclusive of course Fee,
Study Material & Certificate)

**Last Date of Registration:
5.00 PM, 12 Sep 2021**

Syllabus (30 hrs)

- LED Fundamentals and Circuits
- LED Lights and Driver
- Entrepreneurship of LED Business
- Demonstration with Practical Training Session

Programme Schedule

Date	Programme
17 Sep 2021	Inauguration
18 Sep 2021	LED Fundamentals and Circuits
25 Sep 2021	LED Lights & Drivers (Session 1)
16 Oct 2021	LED Lights & Drivers (Session 1I)
23 Oct 2021	Entrepreneurship of LED Business
30 Oct 2021	Practical Training Session I
6 Nov 2021	Practical Training Session II



Govt. of India
Pandit Madan Mohan
Malaviya National
Mission on Teachers and
Teaching (PMMMNTT)

Dr. Reshmi R Prasad
Co-Patron
Principal,
All Saints' College
Thiruvananthapuram

Dr. Anjana P S
(Mobile: 9495628015)
Convenor
Head of the Dept of Physics
All Saints' College
Thiruvananthapuram

Dr. Veena Suresh Babu
(Mobile: 9895248304)
Programme Co-ordinator
Dept of Physics
All Saints' College
Thiruvananthapuram

About All Saints' College, Thiruvananthapuram

All Saints' College affiliated to University of Kerala, is one of the premier institutions of higher education in Kerala that offers quality education to women. The college was founded in 1964 by Rev. Mother Mary Louise, CCR. The All Saints' family is committed towards the upliftment of the coastal community and general social welfare. We strive to carry this vision forward and hope to scale greater heights in our quest for excellence. The college offers 11 Under graduate courses and 4 Post graduate courses. The faculties are actively involved in various research activities and have expertise in handling Major/Minor Research Projects. The college was awarded with an A grade by NAAC in the third cycle of accreditation and is also granted RUSA funding last year. The Department of Physics is one among the 14 academic departments of All Saints' college, Thiruvananthapuram and was upgraded to degree level in 1995 and to PG level in 2020. Right from its inception, the department has been a great boon to the students, who are mostly first generation learners from the local fishing community. The department has an excellent collection of books and journals which are custom made to suit their requirements. Seminars, assignments projects and field visits to research centres help to simulate genuine interest in science and infuse the creativity and scientific temper amongst the students.

CERTIFICATE PROGRAM FOR STUDENTS

(UG & PG Students, Research Scholars)

Successful completion certificate will be provided:
Based on Attendance, Online Quizzes & Assignments;
Attendance & Feedback is compulsory

Certificate course on 'Entrepreneurship in LED Lighting Business'

Post Graduate Department of Physics

Course Duration: 30hrs

Dr. Anjana P S
Convener

Dr. Veena Suresh Babu
Programme Co-ordinator

Course Description

This training program is designed for UG/PG students, research scholars and professionals about the technology and business set up of LED Lighting. The course included sessions on LED fundamentals as well as workshop/practical training sessions on LED fabrication and the basic ideas on entrepreneurship and intellectual property rights.

Course Objectives

At the completion of course, you will be able to:

- Program designed for UG, PG and Research scholar students is to equip them with technical knowledge about LEDs and also develop the skill of assembling and testing LED lamps.
- Provide an understanding of, Government policies, Fundamentals of LED, Fixtures and establishing business in a variety of options from small to high investment.
- Make students aware about the need of energy conservation and thereby promoting the use of renewable energy sources in the future.

Syllabus

Module 1- Classification of material based on conductivity (8 hrs)

Classification of materials into Conductors, Semiconductors and Insulators, Valency, Covalent bond, structure of Silicon, Types of Semiconductors, PN junction diode, Biasing, Characteristics of diode biasing

Module 2- An introduction to LED (5 hrs)

Structure of LED, Working principle of LED, Basics of LED Construction, Advantages, Applications

Module 3- Introduction to different types of LED's (5 hrs)

Types of LED Lights, LEDs in Daily Life, Power factor, Requirement tools for LED manufacturing, Life expectancy of an LED light

Module 4: Concept and Characteristics of Entrepreneurship (7 hrs)

Components or elements of Entrepreneurship, Concept and Characteristics of an Entrepreneur, Wage Employment and Entrepreneurship, Causes of failure of Entrepreneurship, Types of Entrepreneurship, Role and Importance of Entrepreneurship

Module 5: Financial Management Principles (5 hrs)

Basic Idea about Business, Project plan preparation for business, Start Up Schemes and policies provided by Government, Intellectual Property Rights and their types, Financial Management Principles

Evaluation (out of 40)

Project Based Assessment



Post Graduate Department of Physics

Project Mark Sheet

Certificate course on 'Entrepreneurship in LED Lighting Business

Sl No	Name	Department	Semester	Marks awarded for project (Maximum : 40 marks)
1	Ancy Patrick	Physics	PG S1	38
2	Athira Krishnan R J	Physics	PG S1	37
3	Heeba R P	Physics	PG S1	38
4	Anagha C S	Physics	PG S1	38
5	Arsha S	Physics	PG S1	38
6	Jomol Aji	Physics	PG S1	37
7	Lekshmi M J	Physics	PG S1	38
8	Junaida S	Physics	PG S1	38
9	Aparna P	Physics	PG S1	37
10	Lenitta Raj M	Physics	PG S1	38
11	Architha.k	Chemistry	UG S1	37
12	Riya S Edward	Chemistry	UG S1	38
13	Meghna S	Chemistry	UG S1	38
14	Swetha S Soman	Chemistry	UG S1	38
15	Gowri Mahesh	Chemistry	UG S1	-
16	Maneesha	Chemistry	UG S1	-
17	ANNIE.M	Physics	UG S3	38
18	GOURI BHADRAN	Physics	UG S3	37

19	GOWRI NAIR A S	Physics	UG S3	38
20	HARITHA H A	Physics	UG S3	38
21	JENNIFER KENNEDY	Physics	UG S3	38
22	NIRUPAMA B GONSALVEZ	Physics	UG S3	37
23	POOJA SUNIL	Physics	UG S3	38
24	RESHMI S	Physics	UG S3	38
25	SANDRA S S	Physics	UG S3	37
26	ADHEENA I SIVAN	Physics	UG S3	38
27	AJILA B S	Physics	UG S3	37
28	ANAINA SEBASTIAN	Physics	UG S3	38
29	ANJALI J B	Physics	UG S3	38
30	ANJU S	Physics	UG S3	38
31	ARCHA V	Physics	UG S3	38
32	ASWATHY REGHUNATH	Physics	UG S3	37

dy-PS
IQAC CO-ORDINATOR
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM-7

Dr. Anjana P S
Convener

VS

Dr. Veena Suresh Babu
Programme Co-ordinator



Reshmi
Principal
All Saints' College
Thiruvananthapuram-7



Guru Angad Dev
Teaching Learning Centre
A Centre of Ministry of Education
Under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Education



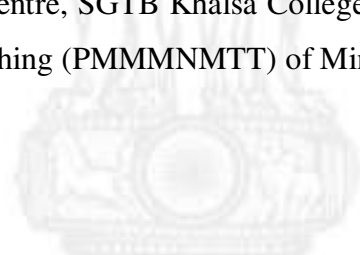
Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

Certificate

This is to certify that

JUNAIDA. S, ALL SAINT'S COLLEGE THIRUVANANTHAPURAM

has successfully completed **30 Hours Certificate Course** on **“Entrepreneurship in LED Lighting Business”** jointly organized by Bishop Moore College, Mavelikara; Catholicate College, Pathanamthitta; Bishop Chulaparambil Memorial College, Kottayam; Christian College, Kattakkada; St. Stephen's College, Pathanapuram; All Saints' College, Thiruvananthapuram; St. John's College, Agra and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education held from **17th September 2021 to 06th November 2021**.



सत्यमेव जयते


Prof. Jaswinder Singh
Principal, S.G.T.B Khalsa College
University of Delhi


Prof. Vimal Rarh
Project Head & Joint Director
GAD-TLC of Ministry of Education



Guru Angad Dev
Teaching Learning Centre
A Centre of Ministry of Education
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सत्यमेव जयते
Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

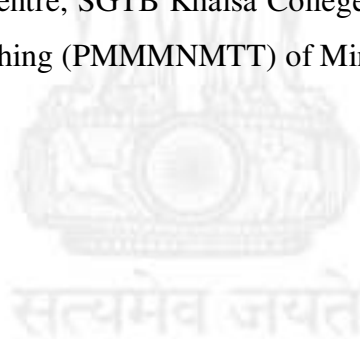
Certificate

This is to certify that

ARSHA S, ALL SAINT'S COLLEGE THIRUVANANTHAPURAM

has successfully completed **30 Hours Certificate Course** on **“Entrepreneurship in LED Lighting Business”** jointly organized by Bishop Moore College, Mavelikara; Catholicate College, Pathanamthitta; Bishop Chulaparambil Memorial College, Kottayam; Christian College, Kattakkada; St. Stephen's College, Pathanapuram; All Saints' College, Thiruvananthapuram; St. John's College, Agra and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education held from **17th September 2021 to 06th November 2021**.


Prof. Jaswinder Singh
Principal, S.G.T.B Khalsa College
University of Delhi




Prof. Vimal Rarh
Project Head & Joint Director
GAD-TLC of Ministry of Education



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Government of India
Ministry of Education



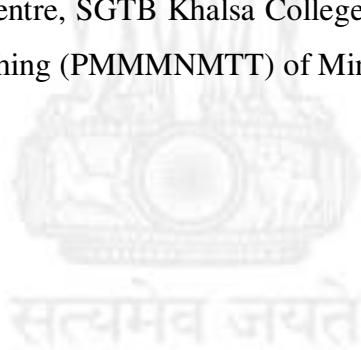
Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

Certificate

This is to certify that

MEGHNA S, ALL SAINT'S COLLEGE THIRUVANANTHAPURAM

has successfully completed **30 Hours Certificate Course** on **“Entrepreneurship in LED Lighting Business”** jointly organized by Bishop Moore College, Mavelikara; Catholicate College, Pathanamthitta; Bishop Chulaparambil Memorial College, Kottayam; Christian College, Kattakkada; St. Stephen's College, Pathanapuram; All Saints' College, Thiruvananthapuram; St. John's College, Agra and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education held from **17th September 2021 to 06th November 2021**.




Prof. Jaswinder Singh
Principal, S.G.T.B Khalsa College
University of Delhi


Prof. Vimal Rarh
Project Head & Joint Director
GAD-TLC of Ministry of Education



Post Graduate Department of Physics

Course Summary

Certificate course on 'Entrepreneurship in LED Lighting Business'

The Certificate Course was conducted on “Entrepreneurship in LED Lighting Business” in collaboration with Guru Angad Dev Teaching Centre (GAD/TLC, University of Delhi and Pandit Madan Mohan Malaviya National Mission on Teacher and Teaching (PMMMNM) under Ministry of Education. This training program is designed for UG/PG students, research scholars and professionals about the technology and business set up of LED Lighting. The course includes sessions on LED fundamentals as well as workshop/practical training sessions on LED fabrication. Dr. Anjana P S was the Convener and Dr. Veena Suresh Babu served as the co-ordinator for the program. The course started on 17th September 2021 and completed on 06th November 2021. Traditional and Modern concepts of Entrepreneurship, Mandatory things for Entrepreneurs like Risk bearing capacity, Organisation building ability, managerial and leadership skills were discussed. The course also gave an insight in developing a business plan, preparing a project plan etc. Government support schemes were introduced and also tips were given for raising funds and also for the growth for the business. Assessment was conducted in the form of project evaluation, and certificates were also issued to the students on the successful completion of the course. The course outcome has been achieved by all the students. By the end of the course, students were able to understand the basic concepts of LED.


IQAC CO-ORDINATOR
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM




Principal
All Saints' College
Thiruvananthapuram-7



ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM, KERALA

**CERTIFICATE
COURSE ON PYTHON
PROGRAMMING**



Conducted by
Department of Physics
In collaboration with
Networkz Systems
Thiruvananthapuram
2021-2022

Post Graduate Department of Physics

Certificate Course on Python Programming

Course Duration: 30hrs

Course Description

This course aims to teach everyone the basics of programming computers using Python. We cover the basics of how one constructs a program from a series of simple instructions in Python. The course has no pre-requisites and avoids all but the simplest mathematics. Anyone with moderate computer experience should be able to master the materials in this course. Students are introduced to core programming concepts like data structures, conditionals, loops, variables, and functions. This course includes an overview of the various tools available for writing and running Python, and gets students coding quickly.

Course Objectives

At the completion of course, students will be able to:

- Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.
- Work with user input to create fun and interactive programs.
- To acquire programming skills in core Python.
- To acquire Object Oriented Skills in Python
- To develop the skill of designing Graphical user Interfaces in Python
- To develop the ability to write database applications in Python

Syllabus

Unit – I : Introduction to Python (6 Hours)

Basic coding skills, working with data types and variables, working with numeric data, working with string data, Python functions, Boolean expressions, selection structure, iteration structure, Illustrative Programs, Exercises

Unit – II : Define and use functions and modules (6 Hours)

Working with recursion, Basic skills for working with lists, work with a list of lists, work with tuples, work with dates and times, get started with dictionaries, Illustrative programs, Exercises.

Unit – III : An introduction to file I/O (6 Hours)

Use text files, use CSV files, use binary files, Handle a single exception, handle multiple exceptions, Illustrative programs, Exercises

Unit – IV : Object Oriented Programming (6 Hours)

An introduction to classes and objects, define a class, work with object composition, work with encapsulation, work with inheritance, override object methods, Illustrative programs, Exercises

Unit –V : An introduction to relational databases (6 Hours)

SQL statements for data manipulation, Using SQLite Manager to work with a database, Using Python to work with a database, Creating a GUI that handles an event, working with components, Illustrative programs, Exercises

Books

- Michael Urban and Joel Murach, Python Programming, Shroff/Murach, 2016
- Mark Lutz, Programming Python, O`Reilly, 4th Edition, 2010



Post Graduate Department of Physics

Evaluation Mark List

Certificate course on 'Python Programming'

Sl. No.	Name	Class	Marks (Max marks – 40)
1	ANAGHA C S	PG S2	37
2	ANCY PATRICK	PG S2	38
3	APARNA P	PG S2	39
4	ARSHA S	PG S2	35
5	HEEBA R P	PG S2	34
6	JOMOL AJI	PG S2	36
7	LEKSHMI M J	PG S2	37
8	LENITTA RAJ M	PG S2	35
9	ABHIRAMI A S	PG S1	34
10	ALNA MANZOOR	PG S1	38
11	AMRUTHA K U	PG S1	38
12	ANNIE SUSAN MATHEW	PG S1	36
13	ARUNIMA A M	PG S1	39
14	ATHIRA V S	PG S1	34
15	CELIA LOUIS	PG S1	37
16	DEVIKA G BABU	PG S1	36
17	KARTHIKA R S	PG S1	35
18	MUNEERA S	PG S1	34
19	POURNAMI C S	PG S1	38
20	RESHMA J R	PG S1	36
21	RESHMA KRISHNAN S	PG S1	35
22	SREELEKSHMI R	PG S1	37
23	ANNIE.M	UG S5	34
24	GOURI BHADRAN	UG S5	33
25	GOWRI NAIR A S	UG S5	36
26	HARITHA H A	UG S5	38
27	JENNIFER KENNEDY	UG S5	38

28	NIRUPAMA B GONSALVEZ	UG S5	34
29	POOJA SUNIL	UG S5	36
30	RESHMI S	UG S5	35
31	SANDRA S S	UG S5	38
32	ADHEENA I SIVAN	UG S5	38
33	AJILA B S	UG S5	37
34	ANAINA SEBASTIAN	UG S5	37
35	ANJALI J B	UG S5	36
36	ANJU S	UG S5	35
37	ARCHA V	UG S5	35
38	ASWATHY REGHUNATH	UG S5	34

dyj-PS
IQAC CO-ORDINATOR
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM-7

Reshmi
Principal
All Saints' College
Thiruvananthapuram-7



CERTIFICATE

This is to certify that Mr/Ms ANAGHA C S , Department of
II M.Sc. Physics, All Saints' College, has successfully completed the certificate
course on Python Programming jointly organized by Networkz Systems &
Department of Physics, All Saints' College, Trivandrum during the academic
year 2022-2023.

Date of issue:22.10.2022




Executive Director

H.O.D, All Saints' College
(Dept. of Maths)



Corporate Office: 3rd Floor, Bhadra Centre, Ayurveda College Jn, Trivandrum - 695001 Kerala, India

www.networkzsystems.com

*Selected Branches only

CERTIFICATE

This is to certify that Mr/Ms ANCY PATRICK , Department of
II M.Sc. Physics, All Saints' College, has successfully completed the certificate
course on Python Programming jointly organized by Networkz Systems &
Department of Physics, All Saints' College, Trivandrum during the academic
year 2022-2023.

Date of issue:22.10.2022




Executive Director

H.O.D, All Saints' College
(Dept. of Maths)



Corporate Office: 3rd Floor, Bhadra Centre, Ayurveda College Jn, Trivandrum - 695001 Kerala, India

www.networkzsystems.com

*Selected Branches only

CERTIFICATE

This is to certify that Mr/Ms APARNA P , Department of
II M.Sc. Physics, All Saints' College, has successfully completed the certificate
course on Python Programming jointly organized by Networkz Systems &
Department of Physics, All Saints' College, Trivandrum during the academic
year 2022-2023.

Date of issue:22.10.2022




Executive Director

H.O.D, All Saints' College
(Dept. of Maths)



Corporate Office: 3rd Floor, Bhadra Centre, Ayurveda College Jn, Trivandrum - 695001 Kerala, India

www.networkzsystems.com

*Selected Branches only



Post Graduate Department of Physics

Course Summary

Certificate course on 'Python Programming

The Certificate Course was conducted on “Python Programming” in collaboration with Networkz Systems, Thiruvananthapuram. Students were introduced to core programming concepts like data structures, conditionals, loops, variables, and functions. This course includes an overview of the various tools available for writing and running Python, and gets students coding. Dr. Veena Suresh Babu served as the co-ordinator for the program. The course started on 18th March 2022. Course taught the students the essential concepts of Python programming, and gave an in-depth knowledge in data analytics, machine learning, data visualization, web scraping, and natural language processing etc. Students were able to design solutions for complex engineering problems and design system components or processes that meet the specified . they got through knowledge in creating, selecting, and applying appropriate techniques and resources. Assessment was also conducted and students were given certificates on the successful completion of the course.



ALL SAINTS' COLLEGE TRIVANDRUM

Objectives:

- Knowledge enhancement
- Employability skills
- Cognitive Thinking
- Developing Research skills



EMPLOYABILITY SKILL DEVELOPMENT ENHANCEMENT PROGRAMME

-CERTIFICATE COURSE

Resource Persons: Dr Sonya J Nair, Ms. Kukku Xavier, Dr Rajsree M S, Ms. Sima S Stephen, Ms Sapna Greenivas, Ms Diana V Prakash, Dr Kavitha N, Ms. Celina James

Date of Commencement: 03/07/2021
Duration : 30 hrs

PATRON: REV. MOTHER MARY FRANCES
DIRECTOR: SR. BELINDA PEREIRA
PRINCIPAL: DR REESHMI R PRASAD

CERTIFICATE

OF ACHIEVEMENT

This Certificate is awarded to

POOJA LALU A

from **BA, English Language and Literature**

of **All Saints College, Chackai** *on successful completion of*

"Employability Skill Development Training Programme" *conducted by Mahindra Pride Classroom,*

Naandi Foundation from **2021** *to* **2022**.



Chief Skills Officer

CERTIFICATE

OF ACHIEVEMENT

This Certificate is awarded to

AYUSHI AJITHGOPAN

from **BA, Communicative English**

of **All Saints College, Chackai** *on successful completion of*

"Employability Skill Development Training Programme" *conducted by Mahindra Pride Classroom,*

Naandi Foundation from **2021** *to* **2022** *.*



Chief Skills Officer

CERTIFICATE

OF ACHIEVEMENT

This Certificate is awarded to

ATHIRA A V

from **M.Sc., Environmental Science**

of **All Saints College, Chackal** *on successful completion of*

"Employability Skill Development Training Programme" *conducted by Mahindra Pride Classroom,*

Naandi Foundation from **2021** *to* **2022**.



Chief Skills Officer

All Saints' College, Thiruvananthapuram



Sl. No.	Candidate Name	Course	Stream	Attendance %
1	RESHMA SR	BSC	BOTANY	70%
2	ASWINI SANKU	BSC	BOTANY	50%
3	ATHIRA R S	BSC	BOTANY	50%
4	APARNA HUBLAKSHAN	BSC	BOTANY	100%
5	RAJES S	BSC	BOTANY	100%
6	RAHNA I S	BSC	BOTANY	100%
7	RATSWARI S	BSC	BOTANY	100%
8	KABIRHMA I	BSC	BOTANY	100%
9	ANJANA GA	BSC	BOTANY	40%
10	LEKSHMI ME	BSC	BOTANY	100%
11	GORTKA GOHAN	BSC	BOTANY	100%
12	HASANA RAI	BSC	BOTANY	50%
13	SHAMANA FATHIMA N A	BSC	BOTANY	100%
14	SOORYA P S	BSC	BOTANY	100%
15	MANETSNA NATH N M	BSC	BOTANY	100%
16	FERA BILU	BSC	BOTANY	100%
17	ADITHYAN S	BSC	BOTANY	80%
18	SANDRA S B	BSC	BOTANY	100%
19	ANAGHA I S	BSC	BOTANY	100%
20	RESHMA S G	BSC	BOTANY	100%
21	SEELAPATHI M	BSC	BOTANY	100%
22	RENYA L B	BSC	BOTANY	100%
23	SHAJITH PS	BSC	BOTANY	100%
24	ANANTHASANKARI I S	BSC	BOTANY	100%
25	FAKIRA NAHEEN N	BSC	BOTANY	40%
26	VANDANA VISWANADHAN	BSC	BOTANY	50%
27	ANAGHA A J	BSC	BOTANY	50%
28	SIVAGANGA B K	BSC	BOTANY	100%
29	SUNANA REHMAN	BSC	BOTANY	100%
30	ANNEE SIRSEETIVYMMMPIC.COMIDSE	BSC	BOTANY	40%
31	SANDRA S	BSC	BOTANY	100%
32	INCY JACOB M	BSC	BOTANY	100%
33	SARANYA D S	BSC	BOTANY	100%
34	SEELAPATHI S	BSC	BOTANY	100%
35	S.ARSHAYA	BSC	BOTANY	100%
36	LATA S VISESH	MSE	BOTANY	50%
37	NANDINI S I	BSC	BOTANY	40%
38	NAVODINI SA	BSC	BOTANY	30%

[Signature]

Reshmi

All Saints' College, Thiruvananthapuram



39	SREELEKSHMY A V	B COM	FINANCE	50%
40	BHADRA R	B COM	COMMERCE	70%
41	NEHA PEREIRA	B COM	COMMERCE	60%
42	AMRITA YADAV	B COM	COMMERCE	50%
43	PRINCY J J	B COM	COMMERCE	80%
44	SNEHA A	B COM	FINANCE	80%
45	ARDRA S	B COM	COMMERCE	50%
46	DEVIKA D	B COM	FINANCE	70%
47	SUJITHA T	B COM	FINANCE	60%
48	DEVIKA A.R	B COM	COMMERCE	50%
49	JYOTHISHA S J	B COM	COMMERCE	100%
50	SERA V LIZA	BA	ENGLISH LITERATURE	100%
51	NIKETHA S SURESH	BA	ENGLISH LITERATURE	100%
52	NEERAJA A G	BA	COMMUNICATIVE ENGLISH	100%
53	SABIHA SUMAR AHAMED K	BA	COMMUNICATIVE ENGLISH	100%
54	RENJIMA B VISWAN	BA	COMMUNICATIVE ENGLISH	40%
55	SHRADHA VIJAY	B COM	COMMERCE	100%
56	ELSA SABU	BA	COMMUNICATIVE ENGLISH	100%
57	NIRANJANA S.P	BA	COMMUNICATIVE ENGLISH	50%
58	RJMA SURESH	BA	ENGLISH LITERATURE	100%
59	NITHYAPRIYA M	BA	COMMUNICATIVE ENGLISH	100%
60	KAVYA VH	B COM	COMMERCE	100%
61	ASHNA MIRIAM GEORGE	B COM	COMMERCE	100%
62	VANI U.K	BA	ENGLISH LITERATURE	80%

Regards

Abhiram Mohan

Project Coordinator

Naandi Foundation- Kerala



Reshmi

Principal
All Saints' College
Thiruvananthapuram-7



All Saints' College
T r i v a n d r u m

DEPARTMENT OF BOTANY

CERTIFICATE OF PARTICIPATION

PROUDLY AWARDED TO

Aparna Chandran

For the successful completion of 30H Add on Course in 'INDOOR
GARDENING AND TERRARIUM TECHNIQUES' conducted by the
Department of Botany from 8th to 30th September 2021

COURSE COORDINATOR

Reshmi
PRINCIPAL

ALL SAINTS' COLLEGE TRIVANDRUM DEPARTMENT OF BOTANY

ADDON COURSE - 2021-22

INDOOR GARDENING & TERRARIUM TECHNIQUES



ABOUT THE COURSE

The course aims to develop a basic understanding of the principles of indoor gardening and Terrarium techniques, a general overview on selection, rearing, maintenance and management.

Date of Commencement
08/09/2021

Duration
30 Hrs.

Course Coordinator
Dr. Cinthya Christopher
Ph. No. 9447696239

Resource Team
Dr. Nisha K.K.
Dr. Sr. Shaina T. J.
Dr. Pressy P. Prakasia

Principal
Dr. Reshmi R. Prasad

Principal
All Saints' College
Thiruvananthapuram

Reshmi

COURSE OUTCOMES

- Identify the merits of indoor plants in both living and working environments.
- Identify the various forms of indoor plants.
- Identify the most suitable indoor plants for each location.
- Develop skills to choose appropriate containers for indoor plants.
- Develop knowledge on the general care of the indoor plants.

LIST OF STUDENTS

INDOOR GARDENING AND TERRARIUM TECHNIQUES

SL.NO	REG. NO	NAME
1	24520100001	Aiswarya B S
2	24520100002	Alina Eriz
3	24520100004	Ansi Antony
4	24520100005	Aparna Chandran L
5	24520100006	Arya A
6	24520100007	Ashifa A S
7	24520100011	Athulya Sankar
8	24520100012	Dazrin S Zahir
9	24520100013	Geethu Nair G L
10	24520100014	Geethu V Nair
11	24520100015	Greeshma R S
12	24520100016	Kripa J S
13	24520100017	Krishna R S
14	24520100018	Neha S S
15	24520100019	Sajitha R
16	24520100020	Shibino S Shibu
17	24520100022	Adithya V
18	24520100023	Aishwarya Lekshmi S R
19	24520100024	Akshaya G Nair
20	24520100026	Aparna V S
21	24520100027	Asiya A
22	24520100028	Athulya C V
23	24520100029	B S Umadevi
24	24520100030	Devika A R
25	24520100031	Devika S
26	24520100032	Hanna George
27	24520100033	Haritha G
28	24520100034	Jeena J S
29	24520100037	Priyanka D
30	24520100038	Safna S
31	24520100040	Sneha Shibu
32	24520100041	Sufia Husain U
33	24520100043	Afna Anifi J
34	24520100044	Amina S
35	24520100045	Anaswara R K
36	24520100046	Anju T



Reshmi

37	24520100049	Geena P
38	24520100050	Krishna C S
39	24520100052	Smrithi S Nair
40	24520100053	Vidhya V T
41	24521100001	Adithya S Jayan
42	24521100002	Aiswarya A S
43	24521100003	Ananya Chandra
44	24521100004	Aniya B S
45	24521100005	Arya Aloshious U A
46	24521100007	Aysha S
47	24521100008	Devika N
48	24521100009	Nandhana S
49	24521100010	Nayana Lawrence
50	24521100011	Renjana L R
51	24521100012	Rudiya R
52	24521100013	Sandra S
53	24521100014	Sneha Jeshine
54	24521100015	Soorya B S
55	24521100016	Varsha S P
56	24521100018	Vinaya R Vinayan
57	24521100019	Aiswarya A S
58	24521100020	Ajeena Vijayan
59	24521100021	Amrutha A R
60	24521100022	Anjali Krishna D
61	24521100025	Fathima Shaji
62	24521100026	Fiona Felix
63	24521100027	Gayathri V nair
64	24521100029	Irfana N
65	24521100030	Krishna Priya N
66	24521100031	Nandhana S S
67	24521100032	Nisha S
68	24521100034	Poornima S T
69	24521100035	Reeba R
70	24521100036	Risana Fathima A R
71	24521100038	Shaivaje M S
72	24521100039	Shivendhu R S
73	24521100040	Sreelekshmi M Anil
74	24521100042	Sukanya S R
75	24521100043	Uthra G R
76	24521100044	Vidhya V S
77	24521100046	C Maria Shiny
78	24521100047	Neha Newton

Rushi
Principal
All Saints' College
Thiruvananthapuram - 7

79	24521100049	Sreelekshmy V
80	24521100050	Sreelekshmy D



Reshmi

Principal
AU Saints' College
Thiruvananthapuram - 7



CERTIFICATE

This is to certify that Mr/Ms SHYAM KUMAR S has successfully completed

the National Training Programme in DIAGNOSTIC DATA ENTRY OPERATOR (MAGNETIC)

17 FEB 2018 and have passed the final examination

held on 20 FEB 2018 for the following grade 10

Centre/Institution: CCM, HANAMANGALUR
Date of issue: 20 FEB 2018



Issued by: SHYAM KUMAR S
National Training Institute, HANAMANGALUR


Secretary, National Training Institute, HANAMANGALUR

Sl. No.	Name of the Candidate	Grade	Passing Date
1	SHYAM KUMAR S	10	20 FEB 2018
2	SHYAM KUMAR S	10	20 FEB 2018
3	SHYAM KUMAR S	10	20 FEB 2018
4	SHYAM KUMAR S	10	20 FEB 2018
5	SHYAM KUMAR S	10	20 FEB 2018
6	SHYAM KUMAR S	10	20 FEB 2018
7	SHYAM KUMAR S	10	20 FEB 2018
8	SHYAM KUMAR S	10	20 FEB 2018
9	SHYAM KUMAR S	10	20 FEB 2018
10	SHYAM KUMAR S	10	20 FEB 2018

Signature: SHYAM KUMAR S
Secretary, National Training Institute, HANAMANGALUR

Reshmi



ABOUT THIS CALL	INFO	ABOUT THIS CALL	INFO
People		People	
DRDham V N	✓ 1	Magha Rajendran	✓ 1
JAMALI A S	✓ 1	Gauthamy Murali	✓ 1
Gopika G Nair	✓ 1	Angel S George	✓ 1
Anagha S	✓ 1	Elizabeth Antony P	✓ 1
Athira Sanjay	✓ 1	ANCT M	✓ 1
Joshna J Bosco	✓ 1	Arya S Kumar	✓ 1
Aaswathy Venugopal	✓ 1	Ashika Salm	✓ 1
Gayu Geyutt	✓ 1	Arysha Sharmena	✓ 1
ARCHANA R	✓ 1	Gifty Thomas	✓ 1
Ancy xavier	✓ 1	ATHIRA K	✓ 1
Aashika G	✓ 1	Suamitha M S	✓ 1
Anaida Saji	✓ 1	SRETHI S NAB	✓ 1
SHEPA J S	✓ 1	Lekshmi Rame	✓ 1

ABOUT THIS CALL	INFO	ABOUT THIS CALL	INFO
People		People	
ALL OTHERS		divya subertan	✓ 1
Share panegy info		RESAMI R S	✓ 1
DETAILS		Lekshmi V N	✓ 1
NIYAS KHAN S (You)		AMBUJ A S	✓ 1
Magha Rajendran	✓ 1	Gopika G Nair	✓ 1
Gauthamy Murali	✓ 1	Anagha S	✓ 1
Angel S George	✓ 1	Athira Sanjay	✓ 1
Elizabeth Antony P	✓ 1	Joshna J Bosco	✓ 1
ANCT M	✓ 1	Aaswathy Venugopal	✓ 1
Arya S Kumar	✓ 1	Gayu Geyutt	✓ 1
Ashika Salm	✓ 1	ARCHANA R	✓ 1
Arysha Sharmena	✓ 1	Ancy xavier	✓ 1

Reshmi

ALL SAINTS' COLLEGE
Thiruvananthapuram-1



ATTENDANCE SHEET- INDOOR GARDENING AND TERRARIUM TECHNIQUES

Register number	Name	08-11-2021	09-11-2021	10-11-2021	11-11-2021	12-11-2021	15-11-2021	17-11-2021	18-11-2021	Exit Exam Marks
		9am - 12 noon	10am-12noon,1pm-3pm	10am-12noon,1pm-3pm	10am-12noon,1pm-3pm	10am-12noon,1pm-3pm	10am-12noon,1pm-3pm	10am-12noon,1pm-3pm	9am-12noon	50
24520100001	AISWARYA B S.	X	X	X	X	X	X	X	a	48
24520100002	ALINA ERIC	X	a	a	X	X	X	X	X	45
24520100003	ANJANA KRISHNA S	X	X	X	X	X	X	X	X	30
24520100004	ANSI ANTONY	X	X	X	X	a	X	X	X	49
24520100005	APARNACHANDRAN L	a	X	X	X	X	a	X	X	47
24520100006	ARYA A	X	X	X	X	X	X	X	X	40
24520100007	ASHIFA A S	X	X	X	X	X	X	a	X	38

24520100008	ASHNA S	X	a	X	X	X	X	X	X	45
24520100009	ASWANLIK	X	X	X	X	X	X	X	X	45
24520100010	ASWATHY S B	X	X	X	X	X	X	X	X	36
24520100011	ATHULYA SANKAR S	a	X	X	X	X	X	a	X	39
24520100012	DAZRIN S ZAHIR	X	X	X	X	X	X	X	a	40
24520100013	GEETHU NAIR. G.L	X	X	X	X	X	X	X	X	50
24520100014	GEETHU V NAIR	X	X	X	X	X	X	X	X	48
24520100015	GREESHMA R S	X	X	X	X	X	X	X	X	45
24520100016	KRIPA. J. S	X	X	X	a	X	X	X	X	30
24520100017	KRISHNA R. S	X	X	X	X	X	X	X	X	49
24520100018	NEHA S. S	X	X	X	X	X	a	X	a	47
24520100019	SAJITHA R	X	X	X	X	X	X	X	X	40
24520100020	SHIBINO.S. SHIBU	X	X	X	X	X	X	X	X	40
24520100021	SIJI S L	X	X	X	X	X	X	X	X	38
24520100022	ADITHYA V	X	X	a	X	X	X	X	X	45
24520100023	AISHWARYALEKSHMI S.R	X	X	X	X	X	a	X	X	45

[illegible]

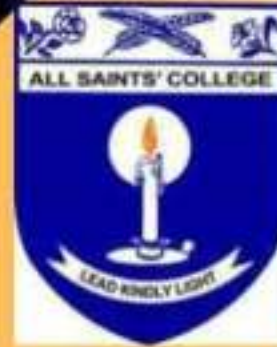
24520100041	SUFIYA HUSAIN. U	X	X	X	X	X	X	X	X	34
24520100042	SUMIL B.S	X	X	X	X	X	X	X	X	45
24520100043	AFNA ARIFI J	X	X	X	X	X	X	X	X	48
24520100044	AMINA S	X	X	X	X	X	X	X	X	45
24520100045	ANASWARA. R. K	X	X	X	X	X	X	X	X	30
24520100046	ANJU T	X	X	X	X	X	X	X	X	49
24520100047	ANU ANTONY	X	X	X	X	X	X	X	X	47
24520100048	FATHIMA FARZANA S	X	X	X	X	X	X	X	X	40
24520100049	GEENA. P	X	X	X	X	X	X	X	X	40
24520100050	KRISHNA C S	X	X	X	X	X	X	X	X	45

Signature
 IQAC CO-ORDINATOR
 ALL SAINTS' COLLEGE
 THIRUVANANTHAPURAM-7



Signature
 Principal
 All Saints' College
 Thiruvananthapuram-7

**ALL SAINTS' COLLEGE
TRIVANDRUM**



**COMMERCIAL
ORNAMENTAL FISH
FARMING
TECHNOLOGIES
(ZOO.A.21.1)**

R

Date of Commencement:

01/07/2021

Duration : 30 hrs

**PATRON: REV. MOTHER MARY FRANCES
DIRECTOR: SR. BELINDA PEREIRA
PRINCIPAL: DR REESHMI R PRASAD**

DEPARTMENT OF ZOOLOGY
2020-21
ADD-ON-COURSE
COMMERCIAL ORNAMENTAL FISH FARMING TECHNOLOGIES

Course Code : ZOO.A20.1

Duration : Six months

No. of Hours: 30

Course Objective

➤

LEARNING OUTCOMES

✓

SYLLABUS

Module I	4 Hrs
Breeding of fresh water ornamental fishes; Maturation, secondary sexual characters	
Module II	3 Hrs
Breeding habits, spawning	
Module III	3 Hrs
Parental care, fertilization and development of eggs	
Module IV	6 Hrs
Hatching, larval rearing and their health	
Module V	2 Hrs
Construction of breeding tanks	
Module VI	3 Hrs
Selective breeding	
Module VII	5 Hrs
Induced breeding	
Module VIII	3 Hrs
Production of mono sex fish	
Module IX	1 Hr
Use of pigments for color enhancement	




Reshma
Principal
Al Saints College
Thiruvananthapuram-7

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DEPARTMENT OF ZOOLOGY
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM
COURSE SUMMARY REPORT

COMMERCIAL ORNAMENTAL FISH FARMING TECHNOLOGIES

The certificate course on 'Commercial Ornamental Fish farming Technologies' was conducted from 19th to 30th October 2021. The course was designed for the B.Sc. Zoology core students. The course aims to develop a basic understanding of the principles of fish farming, rearing, maintenance and management. The course was conducted by the Department of Zoology and Co-ordinated by Dr. Shirley D, Assistant Professor Department of Zoology. The faculty members of the department Dr. Dhanalekshmy, Dr. Sini Benjamin and Divya Grace Philip took classes for the students. A Google Classroom was initiated where the video classes and notes regarding diverse topics included in the course were shared. Total 100 students enrolled for the course. The active and enthusiastic participation of the students throughout the course was really appreciated. An evaluation test was also conducted, and all the students passed the examination with distinction. Certificates were also issued to the students after the successful completion of the course.


IQAC CO-ORDINATOR
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM


Principal
All Saints' College
Thiruvananthapuram-7





Course NUTRITION AND HEALTH

Basic Information

Course period	From October 2 nd June 2021 to 21-07-2021
Duration	30 hours
Language of instruction	English
Academic requirements	Plus two

Course Description

The course "Nutrition and health" aims at developing basic understanding about nutrition, its effect on human health and newer advances in food technology. This course encompasses physiological, biochemical and social aspects of food and discusses relationship between metabolites and human health. Moreover, the course is focused on the advances in the most emerging area of applied science of Nutraceuticals (where food is the medicine). The knowledge of nutrition under extreme climate conditions, space nutrition, and sports nutrition empowers students' knowledge and skills to utilize food as a powerful tool for physical, mental, and social wellbeing.

Course Aims

The course "Fundamentals of Food and Nutrition" is aimed to enable students to gain knowledge about interaction between food, body and health under normal and special circumstances.

Course Objectives

- To provide students with the knowledge of basic terminology and several aspects of nutrition and the functions of food in healthy life sustenance;
- To ensure that students are familiar with the food classification, nutrition during special conditions and role of special functional food;
- To equip students with knowledge and understanding of modern aspects of nutritional science and novel food usage.

Learning Outcomes of the Course

Successful completion of this course will enable students to:

- summarize and critically discuss/ understand both fundamental and applied aspects of food science. They will be able to explain functions of specific nutrients in maintaining health, identifying nutrient specific foods and apply principles from the various facets of food science and related disciplines to solve practical as well as real-world problems.
- use current information technologies to locate and apply evidence-based guidelines and protocols and get imparted with critical thinking to take leadership roles in fields of health, dietetics, special nutritional needs and nutritional counseling.

Course Outline

	Lectures		Hours
Module 1 Basics of Food Science			
1-5	<ul style="list-style-type: none"> • Basic definition, function, classification and dietary sources of foods, nutrition and dietetics • Concept of malnutrition, health, immunity by food and 	<ul style="list-style-type: none"> • Self-Study Home • Lecture 	16
	functions of food <ul style="list-style-type: none"> • Classification of macronutrients and micronutrients 	•	
Module 2 «Effect of nutraceuticals on health»			

6-9	<p>Definition, classification and role of nutraceuticals</p> <ul style="list-style-type: none"> • Introduction to chemistry of prebiotics and probiotics as • functional foods <p>Effect of nutraceuticals on health and prevention of diseases</p> <p>Beneficiary microbes and there metabolism for improving health</p>	<ul style="list-style-type: none"> • Self-Study Home Assignments • Lecture 	14
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ALL SAINTS' COLLEGE

Thiruvananthapuram-695007, Kerala, India
Phone: 0471-2501153

E-mail: allsaintscollegeasc@gmail.com

Name of Course	ZO C 21.1 -Nutrition and Health
Department offering the Course	Department of Zoology
Course Duration	30 Hours
Start date	02-06-2021
End date	29-07-2021
Faculty In Charge	Dr. Siny G Benjamin

2021.-2022

COURSE OUTCOME:

1. The course provides a detailed insight into understanding the composition, molecular interaction and bio-mechanisms of the food metabolites.
2. The course has a multidisciplinary emphasis providing a broad base of knowledge and understanding of the wide role of nutrition in sustaining health and preventing diseases.
3. It introduces students to most advanced aspects of food and nutrition to serve space nutrition, sports nutrition, understand genetically modified food, functional foods etc.


FACULTY IN CHARGE


HEAD OF THE DEPARTMENT.


Principal.





Department of Zoology
All Saints' College, Thiruvananthapuram
Certificate Courses - 2021-22

The Department of Zoology is conducting the Certificate Course during the academic year 2021-22 for UG students

Name of course- ZO C 21.1 Nutrition and Health

make the student aware of the essentials of nutrition in daily routine thereby uplifting the living standards of the community

Duration : 30 hrs

Date of Commencement : 2nd June 2021

Duration : 30 hrs

Those who wish to enrol for the courses should register before 30th May 2021

For further queries, please contact the Course Coordinator.

Phone no: 9447018533

Course Coordinator

Dr. Siny G Benjamin
Department of Zoology

HOD

Dr. Dhanaleshmy TG
Department of Zoology

Principal

All Saints' College





COURSE COMPLETION CERTIFICATE

This is to certify that Sruthi S Nair has successfully completed the 30 hour Value Added Certificate Course on Nutrition and Health from 02-06-2021 to 29-07-2021, which was organised by Department of Zoology, All Saints' College, Thiruvananthapuram.

COURSE CO-ORDINATOR

Dr. Siny G Benjamin

HOD

Dr. Dhanaleshmy TG

PRINCIPAL

Dr. Reshmi R Prasad





COURSE COMPLETION CERTIFICATE

This is to certify that Ashna Bai S has successfully completed the 30 hour Certificate Course on Nutrition and Health from 02-06-2021 to 29-07-2021, which was organised by Department of Zoology, All Saints' College, Thiruvananthapuram.

COURSE CO-ORDINATOR

Dr. Siny G Benjamin

HOD

Dr. Dhanaleshmy TG

PRINCIPAL

Dr. Reshmi R Prasad





COURSE COMPLETION CERTIFICATE

This is to certify that *Rakhi Krishnan G* has successfully completed the 30 hour Certificate Course on Nutrition and Health from 02-06-2021 to 29-07-2021, which was organised by Department of Zoology, All Saints College, Thiruvananthapuram.

COURSE CO-ORDINATOR

Dr. Siny G Benjamin

HOD

Dr. Dhanailekshmy TG

PRINCIPAL

Dr. Reshmi R Prasad



No. of School Days

Total No. of School Days

Admission No.	No. in Standard	NAME	Days		DATE		No. of days present in the month		Total attendance		Fees		Fees		Date of Payment	Class Teacher's Name	Remarks
			Emp. Date	Day							Admission No.	Current No.	Admission No.	Current No.			
1		ASHWIN, BALI. S															
2		SAUTHI, S. NAIR															
3		RAHUL KRISHNAN, G															
4		MEGHA, B. T.															
5		ANNA JOHANNAN,															
6		MEENAKSHI, MOHAN,															
7		KODAI, E.															
8		ARJALESHWARI, L. M.															
9		R. SRUTHI															
10		ANUSHEKH, V. S.															
11		ANASTHA BINDHA R. R.															
12		ARORA, V. BALU.															
13		AMEY, A. S.															
14		SHARVA, R. G.															
15		VIBHINSAJ, V. S.															
16		AKASH, D. S.															
17		ANAND, T. S.															
18		SILABHAYA, S. R.															
19		DEVIKA, M.															
20		AKHILA, J.															
21		S. TEBBY STELLIS															
22		SAVITHA BOUVASAC															
23		DEVIKA PRASAD M.															
24		PREETHI, B. V.															
25		ANITHA, S.															
26		TJY JULIKA, B. V. T.															
27		MIDHUNA, S. R.															
28		VANSHI, S.															
29		MAINTHA NORDAN															
30		SAVITHA SHIBU															
31		ANUSHEKH, S. R. C.															
32		HUGHAN, BALINI, T.															
33		LEKSHNA, S.															
34		NISHA, FRANCIS															
35		ROBINI, R.															



INCREASE

DECREASE

 To be filled by the
 Headmaster/Head
 Teacher/Principal
 after the end of the
 month.

 To be filled by the
 Headmaster/Head
 Teacher/Principal
 after the end of the
 month.

 To be filled by the
 Headmaster/Head
 Teacher/Principal
 after the end of the
 month.

SCHOOL..... FOR *Fully* 20 *24*



**ALL SAINTS' COLLEGE
TRIVANDRUM**



**ENVIRONMENT AND
SUSTAINABILITY
(EVS.A.21.1)**

R

Date of Commencement:

01/07/2021

Duration : 30 hrs

PATRON: REV. MOTHER MARY FRANCES
DIRECTOR: SR. BELINDA PEREIRA
PRINCIPAL: DR REESHMI R PRASAD



Name of Course	ENVIRONMENT AND SUSTAINABILITY (ENV.A.21.1)		
Department offering the Course	Department of Environmental Sciences		
Course Duration	30 Hours		
Start date	14.12.2021		
End date	31.01.2022		
Faculty In Charge	Ms. RAJANLV.		

ADD ON COURSE (2021-22)

Course Title: ENVIRONMENT AND SUSTAINABILITY

Course Code: ENV.A.21.1

Course Co-ordinator: Ms.RAJANLV.

Course Instructors:

DR. RESHMA J.K, DRAYONA JAYADEV, DR.SMITHA ASOK V, MS.RAJANLV

Department of Environmental Sciences

All Saints' College, Thiruvananthapuram

Duration of Course- 30 hours

Rationale: The students of current times need to grow awareness about the environment in which they grow and also find suitable options for the management of resources for a sustainable future. This add on course is designed to provide Post Graduate students in Environmental Sciences with the above said rationale.

Host Department Department of Environmental Sciences, All Saints' College, Thiruvananthapuram

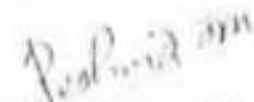
decisions, multi-level decisions, participatory decisions ; translating impact chains to information flows ; impact of governance and policies

6. **Environmental legislation and sustainable practices** Environmental policies in India Air act, water act, Environment protection act, wild life protection act, Forest conservation act, Biodiversity act environmental management system, ISO 14000, definition and benefits. Rain water harvesting green building and rating system in India Cradle to cradle concept and Lifecycle analysis. Green Label Carbon credit system its advantage and disadvantages. Concept of 5R (Refuse, Reduce Reuse, Repurpose, Recycle) Eco tourism
7. **Case Studies & Projects on Rural Sustainable Development (Indian village perspectives)** - Village resources (broad perspectives), current challenges and thematic areas, village social hierarchy, village economy, needs of present and future generation, conflicts - sustainability and rural culture & tradition, road to achieving sustainable development goals, bridging conflicts and way forward

COURSE OUTCOMES:

- How sustainability considerations can actually be embedded within an individual's and community's day to day activities and decision making processes
- How existing sustainable development tools and methods can be adopted/tweaked accordingly
- How to design sustainability performance metric to assess the impact on community's sustainable development
- How to design feedback systems that can readjust the pathways of processes and procedures to ensure success in implementing sustainable development initiatives

Syllabus approved by


Signature of HoD

Signature of IQAC Co-ordinator

Dr. RESHMA J.K.
Assistant Professor and Head
Dept. of Environmental Science
K. J. Somaiya Institute of Technology
and Sciences
Vashi, Navi Mumbai - 400 705

PRINCIPAL

LEARNING AIMS AND OBJECTIVES OF THE COURSE

AIMS

To generate awareness to the students about sustainable ways of living and to protect and conserve nature and natural resources. The need of community participation will be a major objective of the course.

COURSE OBJECTIVES:

Over the course students will:

1. Learn about the economic, social and environmental aspects of sustainability and some frameworks for defining and measuring progress toward a sustainable society
2. Explore the major impacts that humans have on the environment

SYLLABUS OF THE PROGRAMME

1. **Ecosystem & Sustainability** Fundamentals of ecology – types of ecosystems & interrelationships, factors influencing sustainability of ecosystems, ecosystem restoration, developmental needs, Introduction to sustainability & its factors, requirements for sustainability, food security and agriculture, renewable resources - water and energy, non-renewable resources, factors and trade-offs, sustainability conflicts, a conceptual framework for linking sustainability and sustainable development.
2. **Introduction to Sustainable Development** Glimpse into History and Current practices – Broad introduction to SD – its importance, need, impact and implications, definition, coined evolution of SD perspectives (MDGs AND SDGs) over the years, recent debates, 1987 Brundtland Commission and outcome, later UN summits (Rio summit, etc.) and outcome.
3. **Dimensions to Sustainable Development** – society, environment, culture and economic, current challenges – natural, political, socio-economic imbalance, sustainable development initiatives and policies of various countries – global, regional, national, local, needs of present and future generation – political, economic, environmental.
4. **Frameworks of Sustainability** Analytical frameworks in sustainability studies, sustainability metrics, criteria and indicators, the significance of quantitative and qualitative assessments of sustainability, current metrics and limitations, metrics for mapping and measuring sustainable development, application of the metrics in real scenarios.
5. **Resource management and implications on sustainable development** – implications for valuation, risk assessment, integrated decision-making processes, requirements of information, information flow, data analytics, learning from historical data, multistakeholders.



ALL SAINTS' COLLEGE

Thiruvananthapuram 695 007 Kerala India
Phone: 0471 2501151

E-mail: allsaintscollege.asv@gmail.com

Name of Course	<i>Add on Course on 'Environment and Sustainability'</i>
Department offering the Course	Environmental Sciences
Number of students enrolled	35
Course Duration	30 Hours
Start date	13.12.2021
End date	31.01.2022
Faculty In Charge	Ms Rajani V

The *Add on Course on 'Environment and Sustainability'* was conducted by the Department of Environmental Sciences. The course was conducted from 13.12.2021 to 31.01.2022. The course was coordinated by Ms. Rajani V., Assistant Professor, Dept. of Environmental Sciences, All Saints' College, Trivandrum. The course was specially designed to provide an understanding on the various aspects of *Environment and Sustainability*. The lectures were given by Ms. Rajani V. (Course Co-ordinator), Dr. Reshma J.K., Dr. Ayona Jayadev and Dr. Smitha Asok V., Faculty members of the department. The course duration was 30 hours. 35 students enrolled during the learning process. During the end of the course, an exit examination was conducted. Final assessment was done based on the exit examination marks and assignment submitted by the students. Students who have obtained above 40 percentage mark in the final exit examination were declared as successful participant. Certificate was also provided to them after the successful completion of the course. Upon the successful completion of the course the students were able to fulfill how sustainability considerations can actually be embedded within an individual's and community's day-to-day activities and decision making processes.

Reshma J.K.

Dr. RESHMA J.K.
Assistant Professor and Head
Dept. of Environmental Sciences
Thiruvananthapuram

Rajani V

Rajani V
Assistant Professor
Dept. of Environmental Sciences
Thiruvananthapuram



COURSE COMPLETION CERTIFICATE

This is to certify that Ms. REJITHA MUTHAYYAN has successfully completed the 30 hour ADD ON Course on ENVIRONMENT AND SUSTAINABILITY (ENV.A.2021-22) from 13.12.2021 to 31.01.2022, which was organised by Department of Environmental Sciences, All Saints' College, Thiruvananthapuram.

Ms. RAJANI .V.

COURSE CO-ORDINATOR

Dr. RESHMA.J.K.

HOD

Dr. RESHMI R PRASAD

PRINCIPAL





COURSE COMPLETION CERTIFICATE

This is to certify that Ms. SWATHY R G., has successfully completed the 30 hour ADD ON Course on ENVIRONMENT AND SUSTAINABILITY (ENV.A.2021-22) from 13.12.2021 to 31.01.2022, which was organised by Department of Environmental Sciences, All Saints' College, Thiruvananthapuram.

Ms. RAJANI .V.
COURSE CO-ORDINATOR

Dr. RESHMA.J.K.
HOD

Dr. RESHMI R PRASAD
PRINCIPAL





COURSE COMPLETION CERTIFICATE

This is to certify that Ms. PREMI A., has successfully completed the 30 hour ADD ON Course on ENVIRONMENT AND SUSTAINABILITY (ENV.A.2021-22) from 13.12.2021 to 31.01.2022, which was organised by Department of Environmental Sciences, All Saints' College, Thiruvananthapuram.

Ms. RAJANI .V.

COURSE CO-ORDINATOR

Dr. RESHMA.J.K.

HOD

Dr. RESHMI R PRASAD

PRINCIPAL

