



CHRIST NAGAR COLLEGE

MARANALLOOR, TRIVANDRUM

A CMI Educational Institution | Affiliated to the University of Kerala

FACULTY DEVELOPMENT PROGRAMMES

2018 – 2019





CHRIST NAGAR COLLEGE
MARANALLOOR, TRIVANDRUM
www.christnagarcollege.com

Faculty Development Programme

Organised by Internal Quality Assurance Cell

12 to 16 November 2018
Venue: Theatre, Christ Nagar College

RESOURCE PERSONS

 Rev. Fr. Dr. Boby Antony CMI Principal Santhigiri College of Computer Science	 Rev. Fr. Tinto Pulinchuvallil CMI Bursar Christ Nagar Higher Secondary School
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Advisory Committee Fr. Dr. Titto Varghese CMI (Director & Manager) Dr. Jolly Jacob (Principal)	Organising Committee Mr. July John Eipe (IQAC Coordinator)
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Faculty Development Programme (FDP)

2019 – 2020

FACULTY TRAINING PROGRAMME

Topics:
• Guidelines & Ethics to be Followed in the Examination Hall
• Intellectual Property Rights

organised by Christ Nagar College in association with IQAC

8 to 12 July 2019
Venue:
Boardroom & Seminar Hall

RESOURCE PERSONS

Mr Abhilash N
Examiner-in-Charge
Christ Nagar College
Thiruvananthapuram

Dr C Geevarghese
PhD, Management Studies
Christ Nagar College
Thiruvananthapuram



Faculty Training Programme on IPR

Awareness Session on NAAC Accreditation Process
as the part of UGC PARAMARSH Scheme,
St. Teresa's College (Autonomous), Ernakulam

for Teaching and Non-Teaching staff

organised by Christ Nagar College in association with IQAC

15 - 19 October 2019 | Venue: Chavara Chamber

Resource Speakers

Prof. Harry Cleetus
NAAC Consultant & Former Principal
St. Albert's College, Ernakulam
Accreditation Ambassador
St. Teresa's College (Autonomous), Ernakulam

Dr Jijimon K Thomas
IQAC Coordinator
Mar Ignace College
Thiruvananthapuram

Dr Mary Mettilda Rose V.
Vice Principal
Trinity College of Engineering
Trivandrum

Advisory Committee :
Fr Dr Titto Varghese CMI (Director & Manager)
Dr Jolly Jacob (Principal)

Organising Committee :
Ms Parvathy G S (Coordinator)
Mr Emil S Abraham (Joint Co-ordinator)





NAAC Awareness Session on NAAC Accreditation Process

CHRIST NAGAR COLLEGE
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Faculty Enrichment Programme on NAAC ACCREDITATION FRAMEWORK

RESOURCE PERSON



Dr Jijimon K Thomas
IQAC Coordinator
Mar Ivanios College
Thiruvananthapuram

13 December 2019
Time : 9.00 a.m.
Venue: Board Room


Advisory Committee
Fr Dr Titto Varghese CMI (Manager)
Dr Jolly Jacob (Principal)

Organising Committee
Ms Parvathy G S (Coordinator)
Mr Emil S Abraham (Joint Co-ordinator)



Faculty Enrichment programme on NAAC Accreditation Framework

ABOUT THE COLLEGE




Christ Nagar College, Maranalloor, Thiruvananthapuram is a self-financing college, affiliated to the University of Kerala, run by CMI fathers – the pioneers in the field of education and social service. At present, the college offers nine undergraduate courses and two postgraduate courses. Academic excellence, the thrust given to moral values and the salubrious surroundings make this institution the most sought after one.

REGISTRATION FEE ₹ 200/-


PROGRAMME CHART

- 09.00 am - Registration
- 09.30 am - Session I – Revised NAAC Format
Dr R. Selvam
- 11.15 am - Tea Break
- 11.30 am - Session II – Teaching, Learning & Evaluation
Prof. Dr Gabriel Simon Thattil
- 1.00 pm - Lunch Break
- 1.30 pm - Session III – Interactive Session
Prof. Dr Gabriel Simon Thattil
- 3.30 pm - National Anthem



CHRIST NAGAR COLLEGE
MARANALLOOR, TRIVANDRUM

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National Seminar on TEACHING, LEARNING & EVALUATION

29 February 2020


Time: 9.30 am to 3.30 pm | Venue: Chavara Hall

Organised by
Christ Nagar College, Maranalloor

as part of the UGC PARAMARSH Scheme in association with IQAC,
St. Teresa's College (Autonomous), Ernakulam

CONTACT

Ms Parvathy G S (IQAC Co-ordinator), Mob: 95673 81013
Mr Emil S Abraham (IQAC Joint Co-ordinator), Mob: 80898 80997



ROUTE MAP

8°29'17.67" N, 77°03'57.66" E

Advisory Committee :

Dr Jolly Jacob (Principal)
Fr Dr Tillo Varghese CMI (Manager)

Organising Committee :

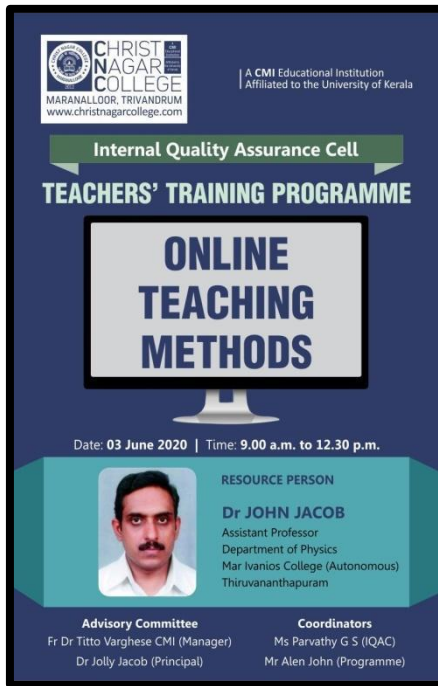
Ms Parvathy G S (IQAC Co-ordinator)
Mr Emil S Abraham (IQAC Joint Co-ordinator)

Maranalloor, Koovalaserry P.O., Trivandrum - 695512, Ph: 8593048882, 8547048882, 0471 2298844, 0471 2298877, christnagarcollege@gmail.com



National Seminar on Teaching Learning & Evaluation

2020 – 2021



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Internal Quality Assurance Cell

TEACHERS' TRAINING PROGRAMME

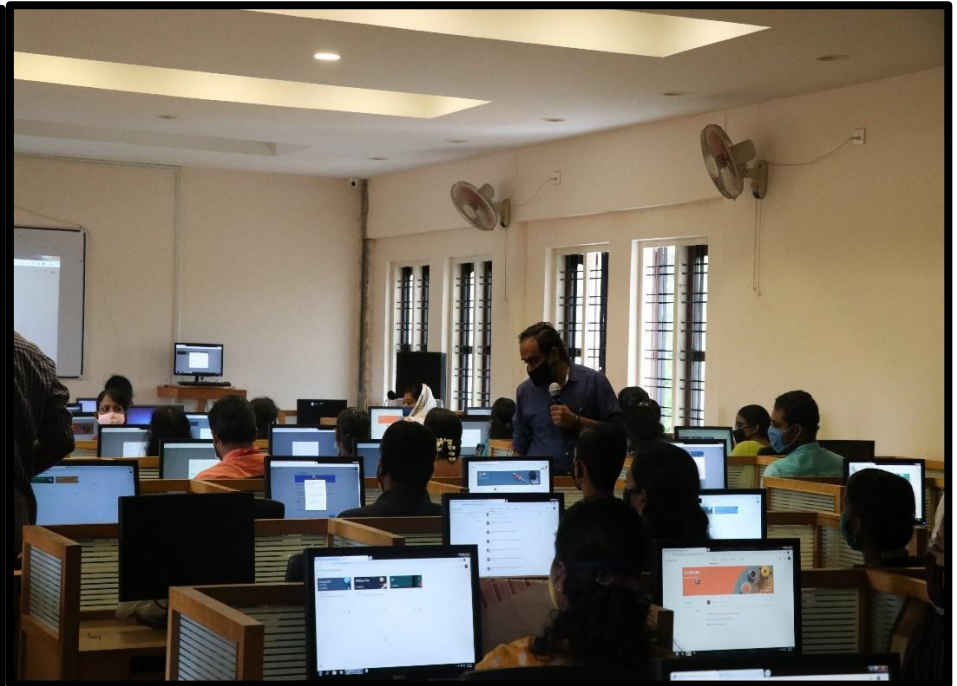
ONLINE TEACHING METHODS

Date: 03 June 2020 | Time: 9.00 a.m. to 12.30 p.m.


RESOURCE PERSON
Dr JOHN JACOB
Assistant Professor
Department of Physics
Mar Ivanios College (Autonomous)
Thiruvananthapuram

Advisory Committee
Fr Dr Titto Varghese CMI (Manager)
Dr Jolly Jacob (Principal)

Coordinators
Ms Parvathy G S (IQAC)
Mr Alen John (Programme)



Teachers Training Program on Online Teaching Methods



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ONLINE WORKSHOP


OUTCOME BASED EDUCATION

15 & 22 December 2020

Organised by
IQAC, Christ Nagar College, Maranalloor
as part of the UGC PARAMARSH Scheme
Mentor institution **St. Teresa's College (Autonomous)**, Ernakulam

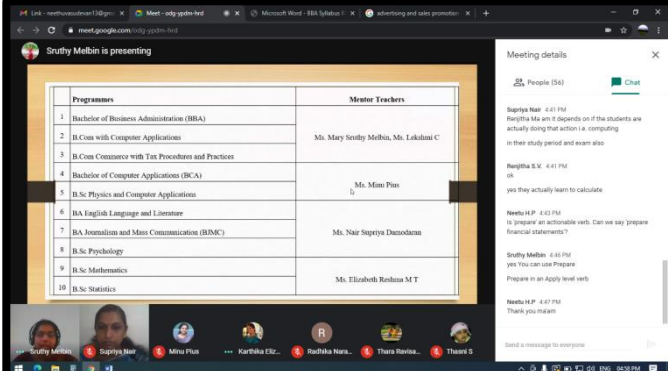
RESOURCE PERSONS

- Ms. NAIR SUPRIYA DAMODARAN**
Assistant Professor In Fashion Designing, St. Teresa's College
- Ms. MINU PIUS**
Assistant Professor in Physics, St. Teresa's College
- Ms. MARY SRUTHY MELBIN**
Assistant Professor in Commerce, St. Teresa's College
- Ms. ELIZABETH RESHMA M T**
Assistant Professor in Mathematics, St. Teresa's College
- Ms. LEKSHMI C**
Assistant Professor in Commerce, St. Teresa's College

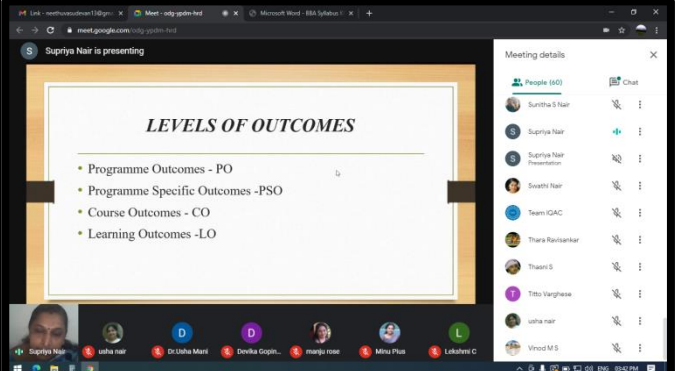


Advisory Committee
Fr. Dr. Titto Varghese CMI (Manager)
Dr. Jolly Jacob (Principal)
Dr. Mary Mettilda Rose V (NAAC Advisor)
Ms Libi Kurian (NAAC Coordinator)

Organising Committee
Ms Parvathy G. S. (IQAC Coordinator)
Mr. Emil S Abraham (IQAC Joint Co-ordinator)
Ms Lekshmi V (Assistant Coordinator)
Mr Sharath Lal M P (Assistant Coordinator)




Programs	Mentor Teachers
1. Bachelor of Business Administration (BBA)	Ms. Mary Sruthy Melbin, Ms. Lakshmi C
2. B.Com with Computer Applications	
3. B.Com Commerce with Tax Procedures and Practices	Ms. Minu Pius
4. Bachelor of Computer Applications (BCA)	
5. B.Sc. Physics and Computer Applications	Ms. Nair Supriya Damodaran
6. BA English Language and Literature	
7. BA Journalism and Mass Communication (BJMC)	Ms. Elizabeth Reshma M T
8. B.Sc. Psychology	
9. B.Sc. Mathematics	
10. B.Sc. Statistics	




LEVELS OF OUTCOMES

- Programme Outcomes - PO
- Programme Specific Outcomes -PSO
- Course Outcomes - CO
- Learning Outcomes -LO

Online Workshop on outcome Based Education (OBE)




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WORKSHOP ON 'MENTORING'

9 MARCH 2021 | TIME : 1.30 p. m.

Organised by Internal Quality Assurance Cell



RESOURCE PERSON

Dr ANGELO MATHEW P
Assistant Professor
Department of Personnel Management
Loyola College of Social Science
Thiruvananthapuram

Advisory Committee
Fr. Dr. Titto Varghese CMI (Director & Manager)
Dr. Jolly Jacob (Principal)

Organising Committee
Ms Parvathy G S (Coordinator)
Mr Emil S Abraham (Joint Co-ordinator)
Ms Lekshmi S (Asst. Co-ordinator)



Workshop on Mentoring

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World Intellectual Property Rights Day

WEBINAR

RESOURCE PERSON
Mr. Praveen Raj R.S.
Principal Scientist, CSIR
National Institute for
Interdisciplinary Science
and Technology (NIIST)

An Overview of IPR and its Relevance to Research & Development and Technology Transfer

For Post-Graduate Students and Faculties
of Christ Nagar College, Maranalloor

26 APRIL
03.00 P.M.

Advisory Committee
- Fr. Dr. Tims Varghese CMI (Director & Manager)
- Dr. Jolly Jacob (Principal)

Organizing Committee
- Mr. Shamin David (Coordinator)
- Dr. Neenu Legend (Coordinator)
- Ms. Parvathy G.S. (IQCAC Coordinator)
- Mr. Ashish Nair (Student Coordinator)

Certificates will be provided to all participants

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"An Overview of IPR and its Relevance to Research & Development and Technology Transfer"

Intellectual Property

Intellectual Property is that which results from the creation of original scientific, scientific, literary or artistic work.

INTELLECTUAL PROPERTY RIGHTS

Intellectual Property Right (IPR) is the legally enforceable exclusive right granted to the owner of the intellectual property for a limited period.

IPR can be assigned, licensed, let, bought.

BUNDLE OF EXCLUSIVE RIGHTS TO THE OWNER

- Right of Reproduction
- Right of adaptation and translation
- Right of distribution
- Right of public performance

MORAL RIGHTS

Mr. Praveen Raj R.S., Principal Scientist, CSIR, National Institute for Interdisciplinary Science and Technology (NIIST) delivered "An Overview of IPR and its Relevance to Research & Development and Technology Transfer". A total of 90 U.G. and P.G. students of our college participated in this session. This Workshop was conducted on 26/04/2021 at 3:00PM in connection with World Intellectual Property Rights Day.

World [SEP] Intellectual Property Rights(IPR) Day -Webinar on "An Overview of IPR and its Relevance to Research & Development and Technology Transfer

2021 – 2022



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TEACHERS' TRAINING ON SSR FILING

15 JULY 2021

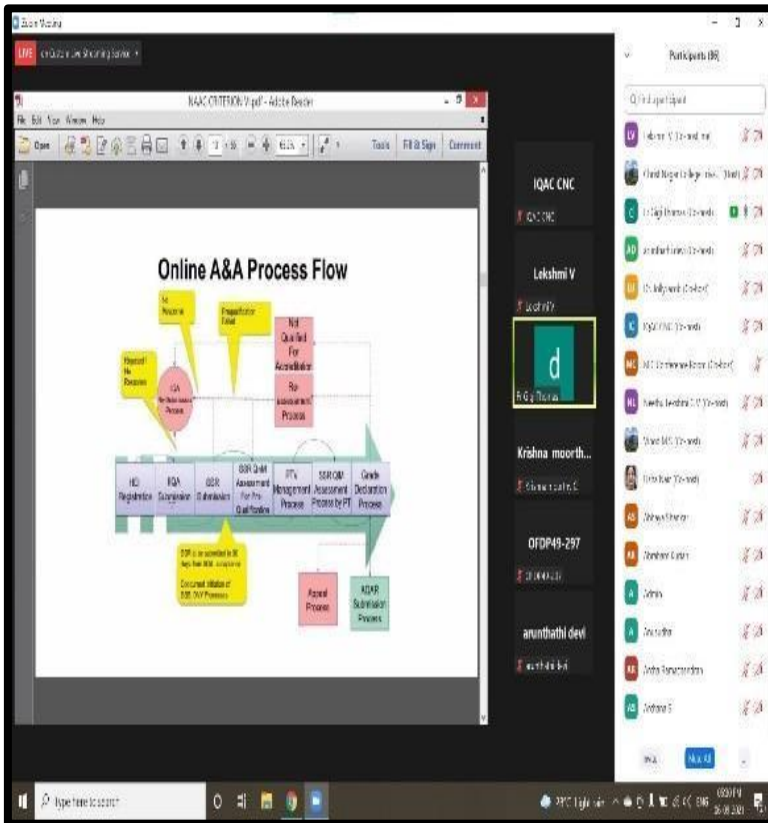
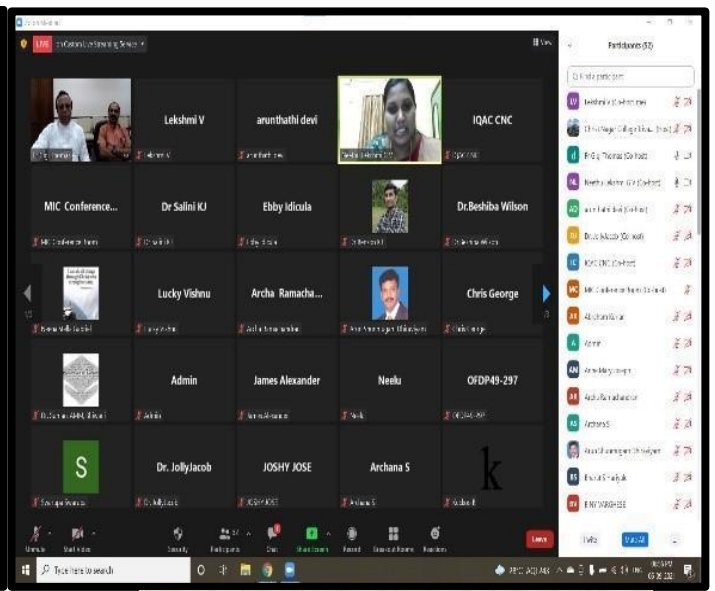
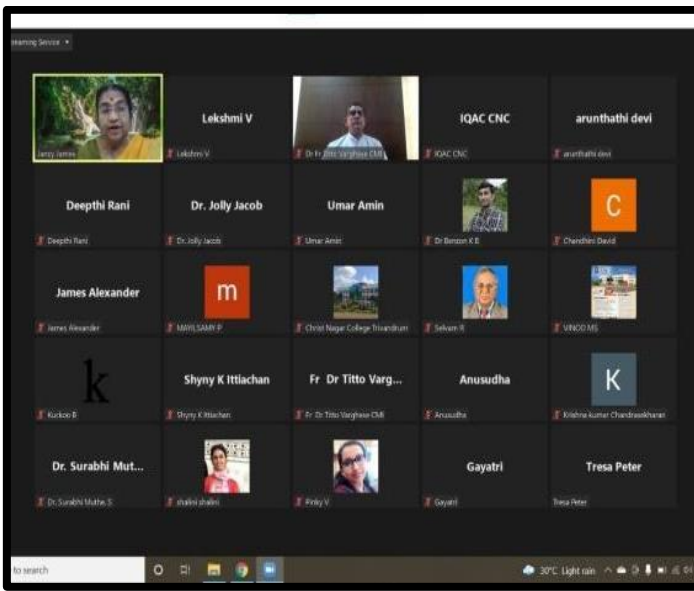
RESOURCE PERSONS

 <p>Dr Jijimon K Thomas Principal IQAC Coordinator Mar Ivanios College (Autonomous) Thiruvananthapuram</p>	 <p>Fr Dr Gigi Thomas NAAC Visit Coordinator & Accreditation Ambassador Dean of Studies HOD, Dept. of Mathematics, Mar Ivanios College (Autonomous) Thiruvananthapuram</p>
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Time: 9.00 a.m. to 3.00 p.m. | Venue: Board Room
Organised by Internal Quality Assurance Cell

<p>Advisory Committee Fr Dr Titto Varghese CMI (Director & Manager) Dr Jolly Jacob (Principal)</p>	<p>Organising Committee Ms Parvathy G. S. (IQAC Coordinator) Mr Emil S. Abraham (Joint IQAC Coordinator) Ms Lekshmi V. (Asst. IQAC Coordinator)</p>
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Teacher's Training on SSR Filing-Brochure



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National Level 7-Day FDP

Organised by the
Internal Quality Assurance Cell
Christ Nagar College

7-Day Faculty Development Programme on ACCREDITATION FRAMEWORK

Inauguration
31 August 2021 | 4.00 p.m.

Prof. Dr Jancy James
Former Vice Chancellor of
Central University of Kerala &
Mahatma Gandhi University,
Kottayam

31 August 2021 to 7 September 2021
Registration link: <https://forms.gle/AEKn8uyrDLbC7Ds1A>


REGISTRATION FEES ₹ 100/-

Advisory Committee
Fr Dr Titto Varghese CMI (Director & Manager)
Dr Jolly Jacob (Principal)

Organising Committee
Programme Coordinators: Ms Parvathy G. S. | Mob: 95673 81013
Mr Vinod M. S. | Mob: 94467 91536
Assistant Coordinators: Ms Lekshmi V.
Mr Emil S. Abraham

e-Certificates will be issued to all participants

National Level 7- day FDP on Accreditation Framework




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FOUR-DAY ONLINE WORKSHOP
4 to 7
OCTOBER 2021
2.00 p.m. to 4.00 p.m.

Statistical Analysis and Its Interpretation Using R & SPSS

Organised by the Internal Quality Assurance Cell



Advisory Committee
Fr Dr Titto Varghese CMI (Director & Manager)
Dr Jolly Jacob (Principal)

Organising Committee
Ms Parvathy G. S. (Coordinator), M: 95673 81013
Ms Lekshmi V. (Asst. Coordinator)
Ms Elena Zachariah (Student Coordinator)

RESOURCE PERSONS



Dr Irshad M. R. is currently working as Assistant Professor, Department of Statistics, CUSAT, Kochi. He has completed MSc, MPhil and PhD from the University of Kerala, Trivandrum. His research areas include order statistics, distribution theory and entropy. He has more than 30 research articles in National/International Journals. Currently, four students carry out their research under his guidance.



Dr Dileepkumar M. is currently working as Assistant Professor, Department of Statistics, University of Calicut. He has completed MSc and PhD from CUSAT, Kochi. His area of research is reliability theory. He has more than 10 research articles in National/International Journals.

TOPICS

- Day 1 - Basic Statistical Concepts and its Application.
- Day 2 - Introduction to Statistical Inference.
- Day 3 - Statistical Data Analysis Using R.
- Day 4 - Statistical Data Analysis Using SPSS.

Registration link:
<https://forms.gle/8bHFE2VQfdGcbiS56>

REGISTRATION FEE ₹100/-

Account Details

A/C No. : 40286926752	Name : Christ Nagar College
Branch : SBI Ooruttambalam	IFSC : SBIN0070356



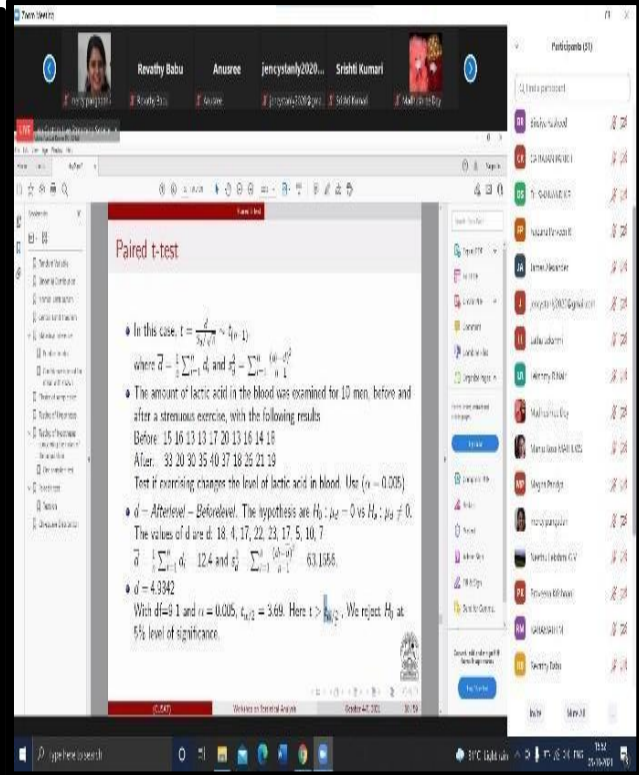
CHRIST NAGAR COLLEGE

Maranalloor, Koovalaserry PO, Trivandrum - 695512.
Ph: 8593048882, 8547048882, 0471 2298844, 0471 2298877
christnagarcollege@gmail.com | christnagarcollege.com



Outlier

- An outlier is an observation, which is far outside the regular pattern of data.
- Outliers can be due to error in measurement and/or in recording, in which case people tend to disregard them.
- However, often outliers may point towards something very important and the cause of outliers should be investigated.
- The mean and the mode are resistant to outliers and are referred to as resistant or robust measures of center, whereas the arithmetic mean is not robust.



Paired t-test

• In this case, $t = \frac{\bar{d} - \mu_0}{s_d / \sqrt{n}}$
where $\bar{d} = \frac{1}{n} \sum_{i=1}^n d_i$ and $s_d^2 = \frac{1}{n-1} \sum_{i=1}^n (d_i - \bar{d})^2$

• The amount of lactic acid in the blood was examined for 10 men, before and after a strenuous exercise, with the following results:
Before: 15 16 13 13 17 20 13 16 14 16
After: 33 20 30 35 40 37 18 16 21 19


Test if exercising changes the level of lactic acid in blood. Use $(\alpha = 0.005)$.

• $d = \text{Afterlevel} - \text{Beforelevel}$. The hypothesis are $H_0: \mu_d = 0$ vs $H_a: \mu_d \neq 0$. The values of d are: 18, 4, 17, 22, 23, 17, 5, 10, 7
 $\bar{d} = \frac{1}{10} \sum_{i=1}^{10} d_i = 12.4$ and $s_d^2 = \frac{1}{9} \sum_{i=1}^{10} (d_i - \bar{d})^2 = 63.1856$

• $t = 4.9342$
With $df=9$ and $\alpha = 0.005$, $t_{\alpha/2} = 3.69$. Here $t > t_{\alpha/2}$. We reject H_0 at 5% level of significance.

4-Day online workshop on Statistical Analysis and its Interpretation Using R & SPSS


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CHRIST NAGAR COLLEGE
MARANALLOOR, TRIVANDRUM

A WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS"





Jointly organized by Intellectual Property Rights Information Centre-Kerala (IPRIC-K), KSCSTE & IQAC of Christ Nagar College, Maranalloor, Trivandrum

PROGRAMME SCHEDULE:

Session I (11.00 AM to 11.15 AM)

Rationale of Intellectual Property Rights
Dr Ajit Prabhu
Chief Scientist, KSCSTE & Nodal Officer, IPRIC-K

Session II (11.15 AM to 12.15 PM)

How to protect Inventions and creations?
Mr Safikh S.
Technical Officer, KSCSTE


Session III (12.15 PM to 01.00 PM)

Patent Filing Procedure
Mr. Krishna Prasad
Project Scientist, PIC-Kerala

REGISTER NOW

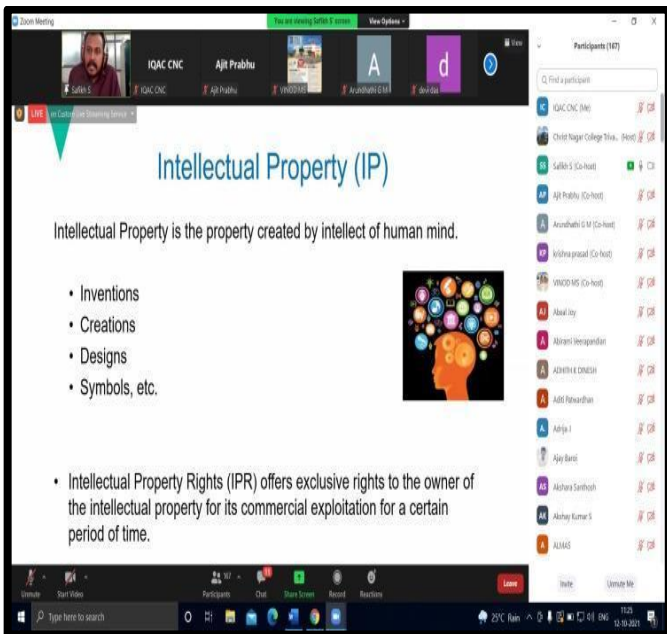
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12 OCTOBER 2021 | **11.00 AM**

Advisory Committee
Fr Dr Tito Varghese CMI (Director and Manager)
Dr Jolly Jacob (Principal)

Organising Committee:
Mr Vinod M. S. (9446791536)
Ms Parvathy G. S. (9567381013)
Arundhathi G. M. (Student Coordinator)



Intellectual Property (IP)

Intellectual Property is the property created by intellect of human mind.

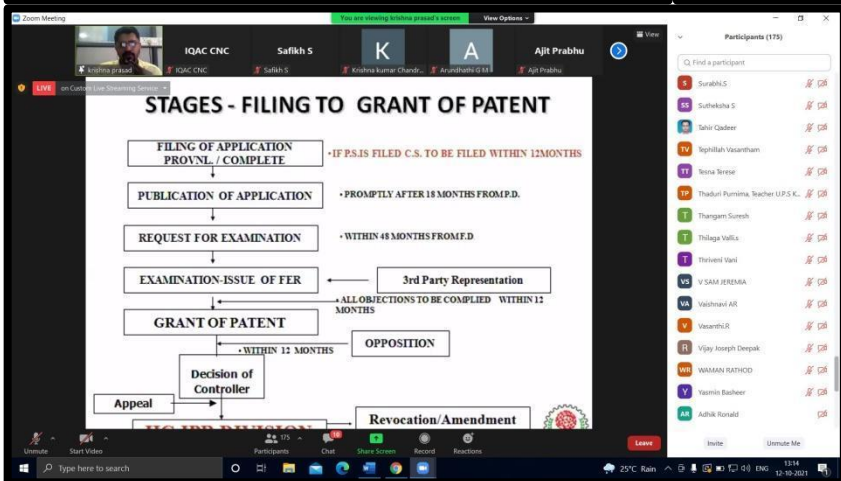
- Inventions
- Creations
- Designs
- Symbols, etc.

• Intellectual Property Rights (IPR) offers exclusive rights to the owner of the intellectual property for its commercial exploitation for a certain period of time.



Author of the Copyright

01	Literary work	author of the work
02	Music	composer
03	Artistic	artist
04	Photograph	photographer
05	Cinematograph film/ sound recording	producer
06	Computer generated literary/musical/ dramatic/ or artistic	who creates the work



STAGES - FILING TO GRANT OF PATENT

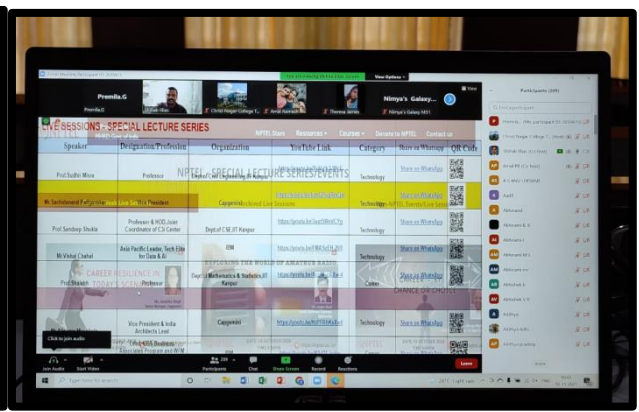
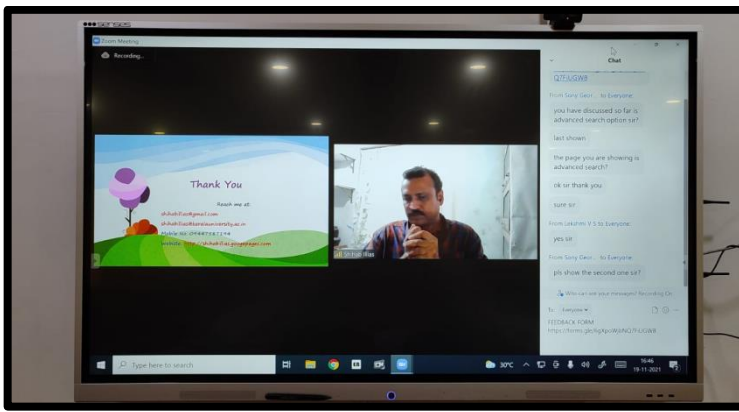
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    graph TD
      A[FILING OF APPLICATION  
PROVNL / COMPLETE] --> B[PUBLICATION OF APPLICATION]
      B --> C[REQUEST FOR EXAMINATION]
      C --> D[EXAMINATION-ISSUE OF FER]
      D --> E[GRANT OF PATENT]
      E --> F[Decision of Controller]
      F --> G[Appeal]
      F --> H[Revocation/Amendment]
      D --> I[3rd Party Representation]
      I --> D
      E --> J[OPPOSITION]
      J --> E
      E --> K[ALL OBJECTIONS TO BE COMPLIED WITHIN 12 MONTHS]
      K --> E
  
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Key Timelines:

- IF P.S. IS FILED C.S. TO BE FILED WITHIN 12 MONTHS
- PROMPTLY AFTER 18 MONTHS FROM P.D.
- WITHIN 48 MONTHS FROM P.D.
- WITHIN 12 MONTHS

Workshop on IPR






WEBINAR ON

N - LIST & Open Educational Resources for Teaching, Learning and Research

19 November 2021 | Time : 3.00 p.m.

Organised by Christ Nagar College Library in association with IQAC to celebrate National Library Week



RESOURCE PERSON


SHIHAB I.
Librarian
Department of Islamic Studies
University of Kerala
Thiruvananthapuram, Kerala

Registration link: <https://forms.gle/IASpPBz8XChSVgG37>

REGISTRATION FEES	Account Details	A/C No. : 40286926752
₹ 100/-		Name : Christ Nagar College
		Branch : SBI Ooruttambalam
		IFSC : SBIN0070356

<p style="margin: 0;">Advisory Committee Fr Dr Titto Varghese CMI (Director & Manager) Dr Jolly Jacob (Principal)</p>	<p style="margin: 0;">Organising Committee Ms Premila G. (Coordinator) Ms Parvathy G. S. (IQAC Coordinator) Mr Rajesh Kumar R. (Technical Coordinator) Mr Amal P. B. (Student Coordinator)</p>
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N-List & Open Educational Resources for Teaching, learning and Research-




CHRIST NAGAR COLLEGE
MARANALLOOR, TRIVANDRUM
www.christnagarcollege.com

STAFF ORIENTATION PROGRAMME

05 January 2022
Venue: Chavara Chamber

Organised by Internal Quality Assurance Cell



Resource Person
Dr R. Selvam
Consultant for NAAC Accreditation Process & External Academic Auditor

Advisory Committee
Fr Dr Titto Varghese CMI (Director & Manager)
Dr Jolly Jacob (Principal)

Organising Committee
Ms Parvathy G. S. (IQAC Coordinator)
Ms Lekshmi V. (Asst. IQAC Coordinator)



Staff Orientation Programme



Staff Enrichment Programme