



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Q.N.M

3.2.1

**INSTITUTION HAS CREATED AN ECOSYSTEM
FOR INNOVATIONS AND HAS INITIATIVES
AND HAS INITIATIVES FOR CREATION AND
TRANSFER OF KNOWLEDGE**

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

INDEX

SN	ECOSYSTEM FOR INNOVATION
1	IIC INDUSTRY INNOVATION CELL
2	ATAL INCUBATION CENTRE
3	RESEARCH POLICY
4	R&D ACTIVITIES

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

IIC INDUSTRY INNOVATION CELL

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Letter of Appreciation

Dear Sir/Madam,

Please accept our sincere gratitude to all the chief functionaries and every members of the IIC Institution's Innovation Council (IIC) of Christian College of Engineering & Technology for the continuous support and contribution towards building the innovation and entrepreneurship culture development in your campus and also extending support to help other IIC institutions towards growth of the IIC network during the academic year 2021-22.

Chief Functionaries of the IIC at Christian College of Engineering & Technology, Durg

Name	Position
Dr. Dipali Soren	President
Dr. Archana Chowdhury	Convener
Dr R.H Gajhat	Innovation Activity
Mr Amit Sarda	NIRF Coordinator
Mr Ashish Dewangan	Internship Activity Coordinator
Dr Dillip Dash	IPR Activity Coordinator
Mr Robin Babu	Social Media
Dr PS Rao	ARIIA Coordinator
Dr Preeti Nandkumar	Start up Activity Coordinator

As we are progressing towards a 'quality' driven I&E ecosystem development, we strongly believe that the IIC model and its unique structure is definitely putting your HEI's thoughts, actions and aspirations in a systematic way to achieve inclusive and holistic development of the ecosystem.

Thank you & regards.

Yours Sincerely,

Dipan Kumar Saha

Assistant Innovation Director
MoE's Innovation Cell, Govt. of India

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

REPORT ON FIELD VISIT TO MSME TECHNOLOGY CENTRE

Topic: Field Visit to MSME TECHNOLOGY CENTRE.

Date: 01/05/2023

Venue:Plot No-2D, Sector-B, Borai industrial growth centre, Rasmada, Dist-Durg (C.G)-491001

Total participants:60

Organized by:Institution Innovation Council (MHRD Initiative), in association with, CSE, EE, Electronics and Mechanical Engineering Department.

Objective: To gain practical knowledge about the various functional units of MSME technology center.

Benefit: Students came to know how they can become a successful entrepreneur and how they can work for a startup if they have any idea for the same.

Brief Report about the program:

The Ministry of Micro Small and Medium Enterprises (MSME), Government of India in its endeavour to provide right stimulus for the growth of industry in the country-particularly with an objective of helping MSME sector in India is setting up 15 new Technology Centres (Earlier known as Tool Room and Training Centres) at various parts of the country under its flagship program Technology Centres Systems Programme (TCSP) with World Bank assistance at an estimated project cost of Rs 2,200 crores.

One such kind of Technology Centre with investment of over 112 crore, is coming up in Chhattisgarh at Durg. This Technology Centre will be first for the state of Chhattisgarh. Project at Durg is at advance stage of completion at a sprawling area of 25 acres situated at Sector-B, Borai Industrial Growth Centre at Rasmada, District-Durg.

With its facilities such as production, training and consultancy services, this centre is focused on "General Engineering Sector" precision machining, tooling and other technological requirements.

Scanned with OKEN Scanner

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report of webinar on Intellectual Property Rights

Topic: Intellectual Property Rights.

Date: 24/04/2023

Total participants: 41

Organized by: Institution's Innovation Council (IIC) in Association with Department of Mechanical Engineering.

Objective: To make aware about patent, design patent, copyright, trademark and IP laws.

Benefit: Students and faculties were made aware about intellectual property rights and also came to know about design patent, copyright, trademark and IP law.

Brief Report:

A Webinar on 'Intellectual Property Rights' was organized by Department of Mechanical Engineering in Association with Institution's Innovation Council (IIC), Christian College of Engineering & Technology, Bhilai on 24 April 2023.

The program started with the blessing of Executive Vice Chairman, Fr Dr PS Varghese. He blessed all the participants and motivated them to apply for IPR publications. The speaker of this webinar was Mr. Rushikesh G. Lavhale, IPR Professional, Technominds IP Solutions, Amravati. He explained the various technical and financial aspects of Intellectual Property Rights for faculties, students and the research community. Principal Dr Dipali Soren welcomed the dignitaries and the participants. This program was conducted under National Intellectual Property Awareness Mission (NIPAM).

This webinar was focused on patent, design patent, copyright, trademark, the commercialization of patents, and IP laws applicable in India. Sumit Kumar Shrivastava conducted the program and Dr R H Gajghat, HoD, Mechanical Engineering, proposed vote of thanks. Overall the webinar was excellent and it was very useful for the faculties, students and for the academic Community.

Scanned with OKEN Scanner

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

ATAL INCUBATION CENTRE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

7/12/23, 3:05 PM

Gmail - AIM Partnership Interest Form



Principal_CCET Bhilai <principal.011.csvtu@gmail.com>

AIM Partnership Interest Form

Google Forms <forms-receipts-noreply@google.com>
To: principal.011.csvtu@gmail.com

Wed, Jul 12, 2023 at 3:05 PM

Thanks for filling out AIM Partnership Interest Form
Here's what was received.

AIM Partnership Interest Form

Be part of India's Innovation and Entrepreneurship Ecosystem

Thank you for your interest in partnering with AIM, NITI Aayog. Please complete this form and a member of the team will get back to you following our internal review.

For more information on the integration process, check out our Collaboration Guide.

For any further questions regarding collaboration you can contact Ecosystem Team @ ecosystem.aim.gov@gmail.com

Email *

principal.011.csvtu@gmail.com

Full Name *

Dr. Dipali Soren

Work EMail ID *

<https://mail.google.com/mail/u/0/?ik=3f5164eb49&view=pt&search=all&permmsgid=msg-f:1771206894816337825&siml=msg-f:1771206894816...> 1/3

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Gmail - AIM Partnership Interest Form

principal.011.csvtu@gmail.com

Organization Name *

Christian College of Engineering and Technology, Bhilai, (C.G.)

Contact Number *

9981991419

Company Website *

www.ccelbhilai.ac.in

Company Description (100 words) *

The Christian College of Engineering and Technology (CCET), Kailash Nagar, Bhilai, C.G.
Pin:490026

Interested in Programs(Multi Select) *

- Atal Tinkering Labs (ATL)
- Atal Incubation Center (AIC)
- Atal Community Innovation Center (ACIC)
- Atal New India Challenge (ANIC)
- Vernacular Innovation Program
- Mentor India

Please explain about the envisioned/proposed Collaboration between AIM and your Organization (200 Words) *

<https://mail.google.com/mail/u/0/?ik=3f5164eb49&view=pt&search=all&permmsgid=msg-f:1771206894816337825&simpl=msg-f:1771206894816...> 2/3

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Gmail - AIM Partnership Interest Form

Provide a platform for nurturing, encouraging and developing innovation and entrepreneurial skills among the students, research scholars and alumni of CCET.

How does this engagement help AIM and your organization? (200 words) *

To motivate and counsel the final year Engineering students to become entrepreneurs, transform their innovative ideas into viable business propositions which might lead to the startup.

Attachment(if any)

Submitted files

 AICTE EOA 2023-24 - Principal_CCET Bhilai.pdf

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

RESEARCH POLICY

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Run By St. Thomas Malankara Orthodox Syrian Church Mission, Bhilai, Dist. Durg (C.G.) Pin : 490026

Estd. 1998, Reg. No. M.PB400/24.10.79

Approved by All India Council for Technical Education (AICTE), New Delhi and Affiliated to CSVTU, Bhilai (C.G.)



ccet@ccetbhilai.ac.in • principal 011.csvtu@gmail.com



www.ccetbhilai.ac.in

Ref:CCET/Admn/2015/1691(b)

DATE: 12.01.2015

Research Policy

Statement

CCET is established with a vision, "To be an Institution which provides quality technical education inculcating high moral and social values with a human face and thereby producing world class competent engineers for the progress and transformation of the society". The institute is committed to serve the society by conducting state of the art research to address the grand challenges and opportunities of the future.

At CCET research policy helps to foster an environment that promotes innovation, creativity, and critical thinking among teachers, research scholars and students.

Objectives

- Provide proactive research culture and state-of-the-art infrastructure.
- Promote and encourage research and innovation within the college by providing support and resources to faculty and students.
- Enhance the quality of research by establishing guidelines and standards for research methods, data collection and analysis.
- To encourage the students and faculty members to involve in inter-disciplinary and multi-disciplinary research by promoting collaboration across departments and disciplines.
- Promote the dissemination of research results through publication in reputed journals, conference proceedings and other relevant forums, file patents and transfer technologies to relevant industries.
- To create centers of excellence in emerging areas and to sustain research through motivation.
- To observe the highest standards of ethics and integrity in conduct of research, all researchers/faculties must follow ethical guidelines.

Dr. STEPHANOS MAR THEODOSIUS ROAD, KAILASH NAGAR, NEAR INDUSTRIAL ESTATE, BHILAI, DIST. - DURG (C.G.) 490026 INDIA, PH. NO. : 07882286662, 9981991429

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

- Promote academic and industrial collaborations involving active and mutually beneficial R&D projects

Research Committee

A research committee is constituted to develop a high-quality research ambience in the Institute. This also aims to motivate faculties for research at par with National and International standards. Further, to support and promote research initiatives that align with the Vision & Mission of the institute.

The Research Committee is constituted consists of the following members:

1. Executive Vice Chairman	Chairman
2. Bursar	Member
3. Principal	Member
4. Vice Principal	Member
5. HODs of all department	Member
6. Nominee of the concerned Departmental Research Committee	Member
7. Registered PhD Supervisor and Co-Supervisor	Member
8. Principal Investigator of the project funded by external agency	Member
9. R & D coordinator	Convener
10. R & D Co-coordinator	Co-convener

Roles and Responsibilities of the Committee

- To monitor smooth and efficient co-ordination of research activities in the college.
- To Identify new Research avenues and Opportunities announced by different academic, research, industrial or government organizations time to time.
- To introduce measures to enhance research outcomes in terms of quality research publications, Research Projects / grants, Patents, Collaborations, Doctoral program and Faculty development programmes.
- To identify potential collaborators and to facilitate collaborations with researchers from premier institutions to encourage joint research venture in the latest technology
- To propose augmentation of Research infrastructure and establish necessary support system for utilization of facilities.
- To develop an Institutional Research Information System for sharing the status of ongoing/ completed research projects/ Programmes, expertise & resources, etc.
- The R&D activities in the individual departments are monitored by Department level research committee headed by the Head of the respective Department.

[Handwritten Signature]
12/07/2015

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

- To evaluate research proposals submitted by researchers within the organization or external stakeholders. The committee evaluates the proposals based on their relevance to the organization's goals, feasibility and potential impact.
- To encourage and facilitate the publication of the research work/ projects in reputed academic journals
- To encourage and facilitate the presentation/communication of the research work/ projects as well as their findings and recommendations through academic events such as workshops/seminars/guest lectures or the media.
- To prepare and implement a research quality assurance mechanism for ensuring that all research activities of the Institution conform to standard quality specifications.

Institutional Research Promotional Measures

- Faculty promotion schemes may develop for those who significantly contribute high quality research and keep high ethics in research undertaken.
- Provision for incentives for faculties for paper publications in reputed journals, presenting research papers in conferences, based on the quality of publications at the end of each academic year
- Institution provide honorarium for the faculties for completion of funded/ collaborative research projects. All incentives / Honorarium based on the recommendations of the Research Committee of the Institute.
- Recognize the faculty/student for excellent performance in research related activities such as fetching research grants or having consultancy projects etc.
- Proper norms for reimbursement of travel, accommodation and registration prepared for faculty members for participating in Conferences or Faculty Development Programmes.
- Under-graduate and Post-graduate students are provided partial amount to support innovative final year projects.
- Performance Based Incentives is offered to faculty members based on various activities pertaining to Research & Innovation like consultancy, testing, patents, etc. based on guidelines issued from time to time.
- Incentive for writing technical books, with ISBN through reputed publishers at State/National level.
- Faculty members are encouraged to pursue PhD at premier institutions like IIT, IISC, NIT etc. and also admission PhD under Quality Improvement Program (QIP)

John
12/01/2015

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bilai

If You Aim High, We Provide The Means

- The faculty sponsored for PhD used to be on regular scale of pay and seniority used to be maintained. A maximum of 10% of the total faculty members in a department is sponsored for pursuing PhD program. Faculty gives a Bond (on a Stamp Paper) as per institution policy. The faculty on deputation shall serve CCET after reporting/completion of PhD in such post and on such term as the college may fix for a minimum period of three years.


Principal 12/01/2015

Copy to:
• Honorable Chairman
• Principal

• Executive Vice Chairman
• All HODs / HOD i/c's & 1st yr i/c


Executive Vice Chairman

• Bursar
• Administrative Office

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

R & D ACTIVITIES

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

3.2.2 Number of workshops/seminars/conference including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years									
S.No.	Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To	Link to the Activity report on the website	Conducted by	Funded by	Name of the Program	
1	2018	Workshop on Quantitative Research Methodology	38	1-Aug-18		R&D Cell, CCET, Bhilai	CCET	Dr. Nutan Singh	
2	2018	National Workshop on Research Methodology & Anti plagiarism for Research Integrity"	40	10 and 11th August 2018		Electronics and Telecommunication department & R&D Cell	CGCOST, Raipur	Dr. Srikar Potnuru, Dr. K. Subramanyam, Dr. Raghuram Mehan Reddy	
3	2018	Intellectual Property Rights and Trade Secrets	37	20/09/2018		R&D Cell	CCET	Dr. C Ramesh Kumar	
4	2019	Intellectual Property Rights: An Overview and their Implications in Research	40	14/03/2019		R & D CELL	CCET	Dr. Sheikh Md. Ashfaque	
5	2019	Academic Perspective of Innovation and Intellectual Property Rights	39	23/01/2019		R & D Cell		Dr. Shrikant Burje	
6	2020	RESEARCH METHODOLOGY (workshop)	34	10-Sep-20		R&D Cell,CCET,Bhilai	CCET	Dr. Anju Singh	
7	2020	Report of Guest lecture ON Entrepreneurship & Start Up	32	23/05/2020		Institution Innovation Council (IIC), CCET, Bhilai	CCET	Dr. Avinash Kumar	

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

8	2020	Intellectual Property Management for Innovation and Startup	33	8-Oct-20		R&D Cell, CCET, Bhilai	CCET	Mr. Deepak Nanaware
9	2021	RESEARCH METHODOLOGY (Workshop)	32	15th Nov. 2021		R&D Cell, CCET, Bhilai	CCET	Dr. B.K Rath
10	2021	Research Methodology: Major Conceptual Concerns	35	16th Dec. 2021		R&D Cell, CCET, Bhilai	CCET	Dr. Aruna Sao
11	2021	Workshop on Qualitative Research Methodology: Foundations and Data Analysis	34	20th October 2021		R&D Cell, CCET, Bhilai	CCET	Dr. Ritesh Dash
12	2021	Intellectual Property Rights and Their Significance	45	10th Sept. 2021		R&D Cell, CCET, Bhilai	CCET	Mr. Dhananjay Singh
13	2021	Innovation and Intellectual Property Rights	30	12th December 2021		R&D Cell, CCET, Bhilai	CCET	Dr. A.J Khan
14	2021	Intellectual Property Rights of Patents, Copyrights and Trademarks	33	15/04/2021		R&D Cell	CCET	Dr. Ritesh Dash
15	2021	Webinar on "A Guide for Entrepreneurship"	29	13/07/2021		Department Electrical Engineering, CCET	CCET	Prof Anil Brahmin

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

16	2021	The Power of Nanotechnology – Applications and Implications (Webinar)	30	6-Jul-21		R&D Cell, CCET, Bhilai	CCET	Dr Tata Narsingha Rao ,
17	2021	Webinar on Entrepreneurship Challenges and Opportunities	40	6th Dec. 2021		Department Electrical Engineering, & IIC, CCET		Mr.Amit Kumar Singh
18	2022	Workshop on RESEARCH METHODOLOGY	31	7-Dec-22		R&D Cell,CCET,Bhilai	CCET	Dr. R.P. Dewangan
19	2022	Basics of Research Methodology (workshop)	37	10-Feb-22		R&D Cell, CCET, Bhilai	CCET	Dr. Pratibha Kurup
20	2022	Workshop on Fundamentals of Research Methodology	32	20th April 2022		R&D Cell,CCET,Bhilai	CCET	Dr. Anupam Choudhary
21	2022	One Day Workshop on Research Methodology	32	2nd Sept. 2022		Department Electrical Engineering, CCET		Dr. Dewanand Bhosale
22	2022	IPR Awareness Program	41	8th Dec.2022		Department Electrical Engineering, CCET		Mr. Rajkumar Jhapte

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

23	2022	Legal Aspects and Intellectual Property Rights (Workshop)	36	16-Dec-22		R&D Cell, CCET, Bhilai	CCET	Mr. Rakesh Yadu	
24	2022	Session on 'Story of an Entrepreneur'	33	25-Nov-22		by R&D Cell, and Start up Cell, IIC, CCET, Bhilai	CCET	Shiju Raju	
25	2022	Importance of CAD/CAM/CAE in Industries	45	19/10/2022		Mechanical Engineering Department, & Institution Innovation Council, CCET,	CCET	Dr Manoj A Kumbhalkar	
26	2022	Building Innovation Ecosystem in Educational Institution	37	25/08/2022		Institution Innovation Cell	CCET	Dr. Manoj Varghese,	
27	2022	Introduction to Energy Conservation and its Industrial Case Studies	52	27/09/2022		Institution Innovation Cell	CCET	Dr. Bade Mukund H	
28	2022	ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY"	43	23rd November 2022.		Institution Innovation Cell	CCET	Dr. Achala Jain, SSTC	
29	2022	Guest lecture ON Entrepreneurship & Start Up.	35	3/3/2022		Institution Innovation Council (IIC), CCET, Bhilai	CCET	Dr. Ritesh Dash,	
30	2022	CCET'S BUDDING ENTREPRENEUR (WORKSHOP)	45	Oct-22		Institution's Innovation Cell	CCET	Mr.Vijay Relwani	
31	2022	APPLICATION OF RESEARCH METHODOLOGY IN DIFFERENT AREAS (Workshop)	35	27th July 2022		R&D Cell, CCET, Bhilai	CCET	Dr. Raunak Kumar Tamrakar	

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

31	2022	APPLICATION OF RESEARCH METHODOLOGY IN DIFFERENT AREAS (Workshop)	35	27th July 2022		R&D Cell,CCET,Bhilai	CCET	Dr. Raunak Kumar Tamrakar	
32	2023	Different Aspects of Research Methodology (Workshop)	54	10-Mar-23		R&D Cell, CCET, Bhilai	CCET	Dr. C. Ramesh Kumar	
33	2023	WORKSHOP ON RESEARCH METHODOLOGY	35	20th April 2023		R&D Cell,CCET,Bhilai	CCET	Dr Pratibha Kurup	
34	2023	IMPORTANCE OF RESEARCH METHODOLOGY (Workshop)	37	22nd June 2023		R&D Cell,CCET,Bhilai	CCET	Dr. Raunak Kumar Tamrakar	
35	2023	Awareness on Intellectual Property Rights	57	27-Mar-23		R&D Cell	CCET	Mr. Nadeem Hussian Khan	
36	2023	An overview of Intellectual Property Rights	33	27th February 2023		R&D Cell, CCET, Bhilai	CCET	Mr. R.K. Rathod	
37	2023	A Lecture on Intellectual Property Rights (Workshop)	37	20th April 2023		Department of Basic Science and Humanities, CCET, Bhilai	CCET	Dr. Mukesh Kumar Ray	
38	2023	Intellectual Property Rights (Workshop)	29	24th April 2023		Mechanical Department in association with Institution's Innovation Council CCET, Bhilai	CCET	Mr. Rushikesh G Lavhale	
39	2023	Roadmap to Intellectual Property Rights (Workshop)	45	24th January 2023		R&D Cell, CCET, Bhilai	CCET	Mr. Ankur Gupta	
40	2023	Role of Intellectual Property Rights for Industry and Academia (Workshop)	37	14-Mar-23		R&D Cell, CCET, Bhilai	CCET	Mr. Ravish Rajput	
41	2023	A Seminar on "Entrepreneurship Development"	30	12-Jun-23		Department Electrical Engineering, CCET	CCET	Dr Rajkumar Jhapte	
42	2023	How to plan for Start-up and Legal and Ethical Step	35	7/6/2023		Start up Cell & IIC Cell,CCET,Bhilai	CCET	Ms. Mauly Chandra	
43	2023	Workshop on Entrepreneurship Skill, Attitude & Behavior Development	50	24/02/2023		Institution Innovation Council (IIC), CCET, Bhilai	CCET	Mr.Kailash Kumar Patel	
44	2023	How to Start a Start- UP (Webinar)	40	10-May-23		Department Electrical Engineering, CCET	CCET	Dr Achala Jain	

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

YEAR	2018	2019	2020	2021	2022	2023	
RM	2		1	3	5	3	
IPR	1	2	1	3	2	6	
ENT.			1	3	7	4	
TOTAL	44						

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Lecture

on

Quantitative Research Methodology

Resource Person: Dr. Nutan Singh

**Assistant Professor, Rungta College of Engineering and Technology,
Bhilai**

Date: 01 August 2018

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

CCET
CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI

INVITED LECTURE ON
QUANTITATIVE RESEARCH METHODOLOGY

RESOURCE PERSON - Dr. NUTAN SINGH
ASSISTANT PROFESSOR, DEPARTMENT OF MATHEMATICS
Rungta College of Engineering & Technology, Bhilai

01st August 2018

ORGANIZED BY RESEARCH & DEVELOPMENT CELL, CCET BHILAI
Program Coordinator – Dr. Sandhya Pillai

Date: 01/08/2018

Brief summary of the program:

The Invited talk on Quantitative Research Methodology was organized on 01 August 2018 by R&D Cell for all the students pursuing undergraduate, postgraduate, research scholars and faculty members of all departments. The resource person was Dr. Nutan Singh, Assistant Professor in the department of Mathematics, Rungta College of Engineering and Technology, Bhilai. The objective behind organizing the talk was to enlighten the all the participants about the Quantitative Research Methodology.

The program started with welcome address by Dr. Dipali Soren, Principal CCET. She introduced speaker and she also talked about the various aspects of research methodology in different areas.

The guest speaker, Dr. Nutan Singh, is the Assistant Professor of the Rungta College of Engineering and Technology, Bhilai. He gave insights on various methods and approaches to quantitative research. He also explained how a qualitative research is different from a quantitative research. He gave plenty of examples and case studies. By attending this lecture, students were able to understand

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

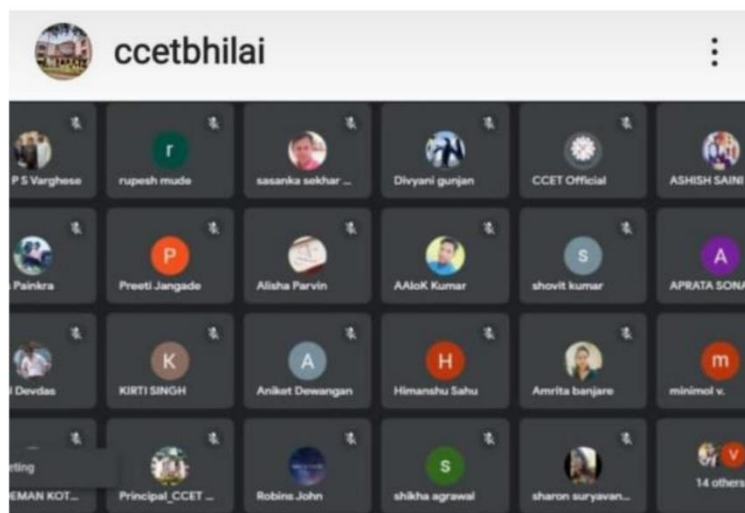
If You Aim High, We Provide The Means

the different methods involved in a quantitative research. Various goals and objectives of research were also addressed. By sharing his own experiences, Dr. Nutan emphasized on how observation and ethnography are some of the widely used approaches for a quantitative research. The session ended with some interesting questions from curious students followed by detailed and insightful answers by the speaker. The lecture was interactive, informative and attention grabbing. She emphasized on the difference between Qualitative and Quantitative research methods, Introduction and types of quantitative methods of research methods and various interactive daily life examples.

The guest lecture was hosted by Dr. Sandhya Pillai. The guest lecture was apt in steaming the curiosity in pupils pertaining to Qualitative research methods. The whole session was conducted with enthusiasm and with a lot of interaction between the resource person and the audience.

The participants were extremely overwhelmed by the lecture delivered by Dr. Nutan Singh as it would be very effective for their career and future work on research. The participants would also like to extend their gratitude to Dr. Sandhya Pillai Co-ordinator of R&D cell for taking the initiative for organizing the guest lecture for students and faculties of all departments.

The Photos taken During the Events:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	
1	Dr. Nutan Singh	SPEAKER
2	Dr. PREETI NANDKUMAR	FACULTY
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. DILLIP KUMAR DASH	FACULTY
5	Dr. JOJI THOMAS	FACULTY
6	Dr. PULIVARTI SRINIVASA RAO	FACULTY
7	Mr. AMIT SARDA	FACULTY
8	Mr. RADHESHYAMH GAJGHAT	FACULTY
9	PRITY BAXLA	CSE
10	MANJU SHARMA	CSE
11	ANAND MOHAN YADAV	CSE
12	CHANAKAYA DEWANGAN	CSE
13	HARISHANKAR BANJARE	CSE
14	praveen kumar mandle	CSE
15	SOBIT TOPPO	CSE
16	ABHISHEK PAL	MECH
17	AJAY KUMAR	MECH
18	AMAN KUMAR	MECH
19	AMIT KUMAR YADAV	MECH
20	ANJALI RAWAT	MECH
21	ANMOL FERNANDEZ	MECH
22	ARJUN DUBEY	MECH
23	ASHUTOSH KUMAR	MECH
24	BIKKU KUMAR	MECH
25	DEEPAK KUMAR NISHAD	MECH
26	AAKASH VERMA	ELECT.
27	ABHIJEET CHAKRABORTY	ELECT.
28	ANITOSH KUMAR	ELECT.
29	ANJULATA MINJ	ET & T
30	DEEPA NISHAD	ET & T
31	MAX DAS	ET & T
32	NEELIMA KINDO	ET & T
33	PREETI KUSHWAHA	ET & T
34	SANDHYA MINJ	ET & T
35	SHIVANI GUPTA	ET & T
36	VARA DEEPTHI	ET & T
37	VIMAL KUMAR	ET & T
38	AASHANA KHATOON	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

NATIONAL WORKSHOP

ON

Research Methodology & Anti plagiarism for Research Integrity”

Resource Person

- Dr. Srikar Potnuru, Associate Professor, Mechanical engineering Department, Malla Reddy College of Engineering and Technology, Hyderabad
- Dr. K. Subramanian, Director General CCOST, Raipur
- Dr. K Raghuram Mohan Reddy, Professor of Mechanical Engg, HITAM, Telangana
- Dr. Subhankar Bhowmick, Associate Professor Mechanical Engineering Department, NIT Raipur

Date : 10 and 11th August 2018

Venue: CCET Bhilai, C.G.



**Organized by
Electronics and Telecommunication department &
R&D Cell, CCET, Bhilai**

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date: 11 August 2018

Summary of the National Workshop

A two day workshop on Research Methodology and Ant plagiarism for Research Integrity sponsored by Chhattisgarh council of Science and Technology, Raipur was organized by Electronics and telecommunication department in coordination with R&D cell of CCET, Bhilai on 10th and 11th August 2018. This two day event was inaugurated by Fr Jose K Varghese, Executive Vice Chairman in the presence of Dr. Dipali Soren Principal CCET, Dr. Srikar Potnuru, Key Note speaker, Dr. Mina Mishra Convener.

In the first session the keynote speaker Dr. Srikar Potnuru, Associate Professor, Mechanical engineering department, Malla Reddy College of Engineering and Technology, Hyderabad educated the gathering about the process of submission of proposal for research grant and project approval.

He motivated the gathering for fundamental and radical research. In the second session of the first day key note speaker Dr. Dipali Soren explained the various types of plagiarism their pitfalls and fallouts.

On the second day of the workshop the first session was conducted by Dr. K Subramanian, Director General CCOST, and Raipur. He emphasized the value of social connectivity in any good research. He urged the gatherings to commit to original work rather than plagiarism, prevalent now days in research community. He observed that the quality of Indian research has seen significant degradation in recent years. In the second day session Dr. K Raghu Ram Mohan Reddy, Professor of Mechanical Engg, HITAM, Telangana. He said that the vital aspect of research is its Topic, which must have a genuine social need. He told various tips for the same and mentioned that the essence of one's work lies in its significance.

In the final session of the workshop Dr. Subhankar Bhowmick, Associate Professor Mechanical Engineering Department, NIT Raipur gave a very enlightening lecture on Thesis writing as well as software's and tools needed for the same.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

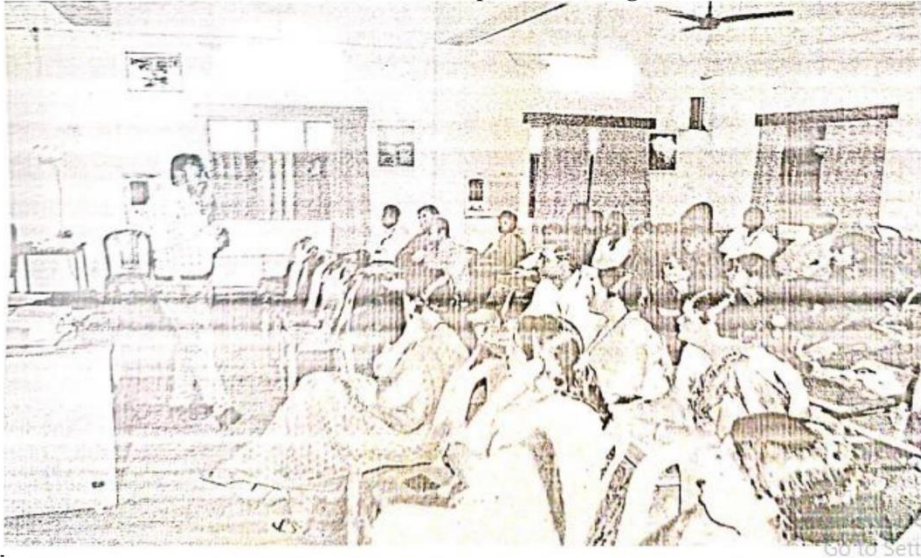
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Various Snaps take During the Events



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Christian College of Engineering & Technology, Bhilai

INVITATION

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
in co-ordination with R & D Cell

Cordially invites you to the Inaugural session of

NATIONAL WORKSHOP ON
Research Methodology and Anti-plagiarism for Research Integrity

ON
10th & 11th August 2018
Sponsored by CCOST

At 10:00 am in A-Block, Seminar Hall, CCET, Bhilai

Dr. K. SUBRAMANIAM & **Hon. Fr. JOSE K. VARGHESE**
 (IFS, Director General, CCOST) (Executive Vice Chairman, CCET, Bhilai)

will inaugurate the workshop

Prof. Dr. Dipali Soren
 (Principal, CCET, Bhilai)
will preside over the workshop

CCET

Mrs. Dhanya Vinesh Organizing Secretary Dr. Dolly Roney Co-Convener Dr. Mina Mishra H.O.D & Convener Dr. Dipali Soren Principal, CCET

Program Schedule

Day-1 (10th August 2018)

10:00 to 10:30 am Inaugural Function & Introduction to Workshop
 10:30 to 11:30 am High Tea
 11:30 to 01:00 pm Technical Talk by
 Dr. Srikar Potnuru,
 Associate Professor, Mechanical Engineering Dept.,
 Malla Reddy College of Engineering & Technology, Hyderabad, India.

01:00 to 02:00 pm Lunch
 02:00 to 04:30 pm Technical Talk by
 Dr. Dipali Soren,
 Principal, CCET & Professor, ETC Dept, Chhattisgarh, India.

Day-2 (11th August 2018)

10:00 to 10:30 am High Tea
 10:30 to 01:30 pm Technical Talk by
 Dr. K Raghu Ram Mohan Reddy,
 HOD & Prof. Mechanical Engineering Dept.
 HITAM, Telangana, India.

01:30 to 02:30 pm Lunch
 02:30 to 04:00 pm Technical Talk by
 Dr. Shubhankar Bhowmick,
 Associate Professor,
 Mechanical Engineering Dept., NIT, Raipur, India.

04:00 to 04:30 pm Valedictory function & Certificate Distribution

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed by St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

S.No.	Name	Branch	College
1.	B. Shridhar	Electrical	CCET, Bhilai
2.	Dr. Abhishek Verma	EFE	BIT, Durg
3.	Piyush Prakash Sharma	Sports	CCET, Bhilai
4.	Tejshwari Sahu	ETC	CCET, Bhilai
5.	Nitesh Tamsoli	ETC	RCET, Bilaspur
6.	R.K. Rathore	Mech	CCET, Bhilai
7.	Amit Singh Dsakkad	Mech	CCET, Bhilai
8.	Nitin Chandekar	Mech	GDRCET, Bhilai
9.	Abid Khan	ETC	CCET, Bhilai
10.	Praveen Singh Rathore	ETC	CCET, Bhilai
11.	Smithy Philip	ETC	CCET, Bhilai
12.	Revanti Raman Dewangan	CSE	CCET, Bhilai
13.	Ashish Mishal	Eleet	CCET, Bhilai
14.	Pranod Kumar Bisagmar	Eleet	CCET, Bhilai
15.	Ashish Dewangan	Eleet	CCET, Bhilai
16.	Payal Roy	Eleet	CCET, Bhilai
17.	Soumya Singh	Eleet	CCET, Bhilai
18.	Prasant Srivastava	ETC	CCET, Bhilai
19.	Dr. Sandhya Pilai	SC & Humanities	CCET, Bhilai
20.	S.K. Patel	ETC	CCET, Bhilai
21.	Sanjay Sahu	M.Tech Scholar	CCET, Bhilai
22.	Indronil Sarkar	CSE	CCET, Bhilai
23.	D. Janet	CSE	CCET, Bhilai
24.	Neba Soni	CSE	CCET, Bhilai
25.	Yogesh Tamarakar	CSE	CCET, Bhilai
26.	Rukhmani	M.Tech scholar	CCET, Bhilai
27.	Sofiya Bano	M.Tech scholar	CCET, Bhilai
28.	Archana Kispotta	M.Tech scholar	CCET, Bhilai
29.	G. Singaiah	Mechanical	HITAM Hyderabad
30.	Vikky Kumar	Mechanical	HITAM Hyderabad
31.	G. Baby Thersa	Mechanical	HITAM Hyderabad
32.	L.B. Bharat Raju	Mechanical	HITAM Hyderabad
33.	PVN Sai Chandra	Mechanical	HITAM Hyderabad
34.	B. Pavani	Mechanical	HITAM Hyderabad
35.	Mrs. Neha Singh	ETC	CCET, Bhilai
36.	Dr. Mina Mishra	ETC	CCET, Bhilai
37.	Dr. Dolly Roney	ETC	CCET, Bhilai
38.	Shishir Verma	ETC	CCET, Bhilai
39.	Dhanya Vineesh	ETC	CCET, Bhilai
40.	Divya Singh	ETC	CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report of Guest Lecture

on

Intellectual Property Rights and Trade Secrets

Resource Person: Dr. C. Ramesh Kumar

Professor, Department of Mathematics

Rungta College of Engineering & Technology, Bhilai

Date: 20th September 2018

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Christian College of Engineering and Technology



**GUEST LECTURE ON
Intellectual Property
Rights and Trade Secrets**

Resource Person:
Dr. C. Ramesh Kumar
Professor, Department of
Mathematics
Rungta College of Engineering
& Technology, Bhilai

Date: 20th September 2018 & Time: 11.00 am

Organized By: Research and Development Cell
Coordinator: Dr. Sandhya Pillai

Date: 20/09/2018

Brief summary of the program:

The program Coordinator Dr. Sandhya Pillai started the session. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture. The lecture was attended by HODs, faculty of all departments, M.Tech and B.Tech students and also research Scholars.

Dr. Ramesh started her lecture by making the audience aware of basics of Intellectual Property Rights, how to protect our inventions and information. He discussed about Intellectual Capital of a University, different elements of IP viz. Knowhow, Trade secrets, Trade dress, Copyrights, Patents etc.

The session was very interactive and was concluded by the vote of thanks by Coordinator of R&D cell Dr. Sandhya Pillai by giving vote of thanks.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. N	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. C. RAMESH	SPEAKER
2	Dr. DIPALI SOREN	FACULTY
3	Dr. PREETI NANDKUMAR	FACULTY
4	Dr. SANDHYA PILLAI	FACULTY
5	Mr. ASHISH DEWANGAN	FACULTY
6	Mr. Devendra Kumar Sahu	FACULTY
7	Mr. PRAMOD KUMAR BAGHMAR	FACULTY
8	Mr. PRASHANT BAWANEY	FACULTY
9	Mr. SALIK RAM DEWANGAN	FACULTY
10	Mr. Sanjay Gupta	FACULTY
11	JEEVAN BARA	CSE
12	POONAM LAKRA	CSE
13	ROSHAN KUMAR SAHU	CSE
14	SHILANATH PRATAP SINGH	CSE
15	SHIVAM PANDEY	CSE
16	VIBHA	CSE
17	VINAY MINJ	CSE
18	ANURAG SHARMA	MECH
19	RAHUL KUMAR BRAMHANKAR	MECH
20	ROBINS JACOB JOHN	MECH
21	ROSHAN ROY	MECH
22	SAHIL HUSSAIN	MECH
23	SHARON SURYAVANSHI	MECH
24	SHIVNATH GOTA	MECH
25	SHREYANSH LAL	MECH
26	AAKASH VERMA	ELECTRICAL
27	ABHIJEET CHAKRABORTY	ELECTRICAL
28	ANITOSH KUMAR	ELECTRICAL
29	ANUPAMA KUJUR	ELECTRICAL
30	DEEPAK BAGHEL	ELECTRICAL
31	DIVYANK SURYAWANSHI	ELECTRICAL
32	MD AYAN KHAN	ELECTRICAL
33	NAGRAJ	ELECTRICAL
34	SONALI PAUL	ELECTRICAL
35	ANIL DESHMUKJ	M.TECH
36	JAY SHANKAR PRASAD	M.TECH
37	SANDEEP GUPTA	M.TECH
38	SHIV KUMAR	M.TECH
39	VISHAL BHAGAT	M.TECH
40	SUMAN GAJBHIYE	M.TECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**Report of
Invited Talk
on
Intellectual Property Rights: an overview and Their Implications in
Research**

Resource Person: Dr. Shekh Md. Ashfaque

**Associate Professor, Department of Computer Engineering Rizvi
College of Engineering, Mumbai**

Date: 14th March 2019

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Christian College of Engineering and Technology



INVITED TALK ON
INTELLECTUAL
PROPERTY RIGHTS:
AN OVERVIEW AND
THEIR IMPLICATION
IN RESEARCH

Resource Person: Dr. Shaikh Md.
Ashfaque
Associate Professor
Rizvi College of Engineering
(Mumbai)
Date: 14th March 2019 & Time: 11.30 am

Organized By: Research
and Development Cell
Coordinator:
Dr. Sandhya Pillai

Date: 14/03/2019

Brief summary of the program:

The R&D department organized an invited talk on the topic of “**Intellectual Property Rights: An Overview and Their Implication in Research**”. Prof **Dr. Shaikh Md. Ashfaque**, Rizvi College of Engineering, Mumbai, was the resource person who delivered the talk through online platform. He gave an elaborated overview of various aspects of fundamentals of **Intellectual Property Right** and its types. He also gave detailed description of IPR in research and their utilization in research. Prof. Ashfaque made the audience aware about the IP law in India and explained the types of patents and various bioethics issues through citing examples. The lecture was followed by the interactive session wherein the students scholars and faculties got their doubts cleared from the resource person. Dr. Sandhya Pillai, Associate Professor of Physics, expressed vote of thanks to Prof. Shaikh for her insightful and elaborated talk on “**Intellectual Property Rights: An Overview and Their Implication in Research**”. The program was attended by the teachers, students and research scholars of entire CCET.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Shaikh Md. Ashfaq	SPEAKER
2	Dr. DIPALI SOREN	FACULTY
3	Dr. PREETI NANDKUMAR	FACULTY
4	Dr. SANDHYA PILLAI	FACULTY
5	Mr. ASHISH DEWANGAN	FACULTY
6	Mr. Devendra Kumar Sahu	FACULTY
7	Mr. PRAMOD KUMAR BAGHMAR	FACULTY
8	Mr. PRASHANT BAWANEY	FACULTY
9	Mr. SALIK RAMDEWANGAN	FACULTY
10	Mr. Sanjay Gupta	FACULTY
11	JEEVAN BARA	CSE
12	POONAMLAKRA	CSE
13	ROSHAN KUMAR SAHU	CSE
14	SHILANATH PRATAP SINGH	CSE
15	SHIVAMPANDEY	CSE
16	VIBHA	CSE
17	VINAY MENJ	CSE
18	ANURAG SHARMA	MECH
19	RAHUL KUMAR BRAMHANKAR	MECH
20	ROBINS JACOB JOHN	MECH
21	ROSHAN ROY	MECH
22	SAHIL HUSSAIN	MECH
23	SHARON SURYAVANSHI	MECH
24	SHIVNATH GOTA	MECH
25	SHREYANSH LAL	MECH
26	AAKASH VERMA	ELECTRICAL
27	ABHIJEET CHAKRABORTY	ELECTRICAL
28	ANITOSH KUMAR	ELECTRICAL
29	ANUPAMA Kujur	ELECTRICAL
30	DEEPAK BAGHEL	ELECTRICAL
31	DIVYANK SURYAWANSHI	ELECTRICAL
32	MD AYAN KHAN	ELECTRICAL
33	NAGRAJ	ELECTRICAL
34	SONALI PAUL	ELECTRICAL
35	ANIL NARAYAN DESHMUKH	M.TECH
36	JAY SHANKAR PRASAD	M.TECH
37	SANDEEP GUPTA	M.TECH
38	SHIV KUMAR	M.TECH
39	VISHAL BIRSA	M.TECH

Criterion 3**QIM 3.2.1. Ecosystem for Innovations**



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**Report of
Invited Talk
on**

Academic Perspective of Innovation and Intellectual Property Rights

**Resource Person: Mr. Shrikant Bhurje, Associate Professor Rungta
College of Engineering & Technology, Bhilai**

Date: 23rd January 2019

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

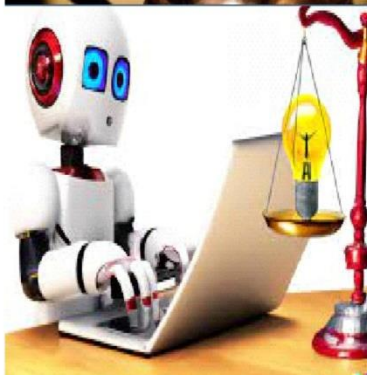
If You Aim High, We Provide The Means



Christian College of Engineering and Technology



**WEBINAR ON
ACADEMIC
PERSPECTIVE OF
INNOVATION AND
INTELLECTUAL
PROPERTY RIGHTS**



**Resource Person: Mr. Shrikant
Bhurje
Associate Professor
Rungta College of Engineering &
Technology, Bhilai (C.G)**

Date: 23rd January 2019 & Time: 11.00 am

**Organized By: Research
and Development Cell
Coordinator: Dr.
Sandhya Pillai**

Date: 23/01/2019

Brief summary of the program:

The program started with the welcome address by Dr. Sandhya Pillai, Associate professor of Physics and Coordinator of R&D. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture.

A webinar on IPR (Intellectual Property Rights) was conducted on 23 January 2019. The resource persons for the sessions were Mr. Shrikant Burje, Associate professor of Department of ET. It created

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

a great impact on the entire audience. Students were taught on how IPR restricts copying others ideas and how this will help the development of new ideas for the betterment of the society.

Students learnt how IPR provides total control over a new innovation and its creator. They were also given a platform to discuss how small innovations influence societies at large and how they should indulge in innovating and patenting ideas that will be useful for all the classes of individuals in the society.

He described in his lecture that IPR provide certain exclusive rights to the inventors or creators of that property, in order to enable them to reap commercial benefits from their creative efforts or reputation. Further he also gave brief summary about Patents, Trademark and Copyright etc.

Finally, this webinar was concluded by Dr. Sandhya Pillai who was the Coordinator of the program by giving vote of thanks.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

List of participants

SL. NO.	LIST OF PARTICIPANTS	FACULTY& STUDENTS
1	Dr. Shrikant Burje	SPEAKER
2	Dr. DIPALI SOREN	FACULTY
4	Dr. SANDHYA PILLAI	FACULTY
5	Mr. ASHISH DEWANGAN	FACULTY
6	Mr. Devendra Kumar Sahu	FACULTY
7	Mr. PRAMOD KUMAR BAGHMAR	FACULTY
8	Mr. PRASHANT BAWANEY	FACULTY
9	Mr. SALIK RAMDEWANGAN	FACULTY
10	Mr. Sanjay Gupta	FACULTY
11	AJAY KUMAR DAHAHE	ET & T
12	ANAMKA GAUTAM	ET & T
13	ANURADHA PATEL	ET & T
14	ARPIT GUPTA	ET & T
15	DHARMENDRA SING	ET & T
16	MUSKAN QURAIISHI	ET & T
17	POONAM SONI	ET & T
18	RAVI KANT SAW	ET & T
19	RAHUL KUMAR BRAMHANKAR	MECH
20	ROBINS JACOB JOHN	MECH
21	ROSHAN ROY	MECH
22	SAHIL HUSSAIN	MECH
23	SHARON SURYAVANSHI	MECH
24	SHIVNATH GOTA	MECH
25	SHREYANSH LAL	MECH
26	AAKASH VERMA	ELECTRICAL
27	ABHIJEET CHAKRABORTY	ELECTRICAL
28	ANITOSH KUMAR	ELECTRICAL
29	ANUPAMA KUJUR	ELECTRICAL
30	DEEPAK BAGHEL	ELECTRICAL
31	DIVYANK SURYAWANSHI	ELECTRICAL
32	ANIL NARAYANDESHMUKJ	MTECH
33	JAY SHANKAR PRASAD	MTECH
34	SANDEEP GUPTA	MTECH
35	SHIV KUMAR	MTECH
36	VISHAL BHAGAT	MTECH
37	JEEVAN BARA	CSE
38	POONAML AKRA	CSE
39	ROSHAN KUMAR SAHU	CSE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

WORKSHOP

ON

RESEARCH METHODOLOGY

Resource Person -Dr. Anju Singh,

Faculty, Central Institute of Plastic Technology, Korba

Date :10 Sep 2020

Venue :CCET Bhilai,C.G.



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

CCET
CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI

Workshop on Research Methodology

RESOURCE PERSON - Dr Anju Singh
Central Institute of Plastic Engineering and Technology, Korba

10TH Sep 2020

ORGANIZED BY RESEARCH & DEVELOPMENT CELL, CCET BHILAI
Program Coordinator - Dr. Sandhya Pillai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bilai

If You Aim High, We Provide The Means

Date: 10 Sep 2020

Summary of the workshop

A workshop was conducted on research methodology in online mode on 10 th Sep 2020 in CCET with various participants.

This workshop was conducted to provide an understanding of research methodology and its various components, such as research design, data collection, data analysis, and interpretation of results. The program started with Welcome address by Dr. Dipali Soren, Principal CCET. She explained the importance of research methodology in conducting research and also mentioned the significance research.

Speaker of the workshop was Dr. Anju Singh, Faculty from Central Institute of Plastic Technology, Korba

The participants were guided for research design which includes the selection of appropriate research methods. She explained different research questions and the hypothesis and formulating a research plan. The workshop was mainly emphasized on the need for a well-defined research designs it serves as the foundation for the entire research process. Here the main focus was on various data collection methods, including surveys, interviews, observations, and experiments. The participants were introduced to the strengths and weaknesses of each data collection method and were guided on how to choose the most appropriate method based on their research objectives

The aspects covered in the workshop explained the crucial aspect of different methods of data analysis such as quantitative and qualitative analysis. It was defined by providing practical examples of how to analyze and interpret research data.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



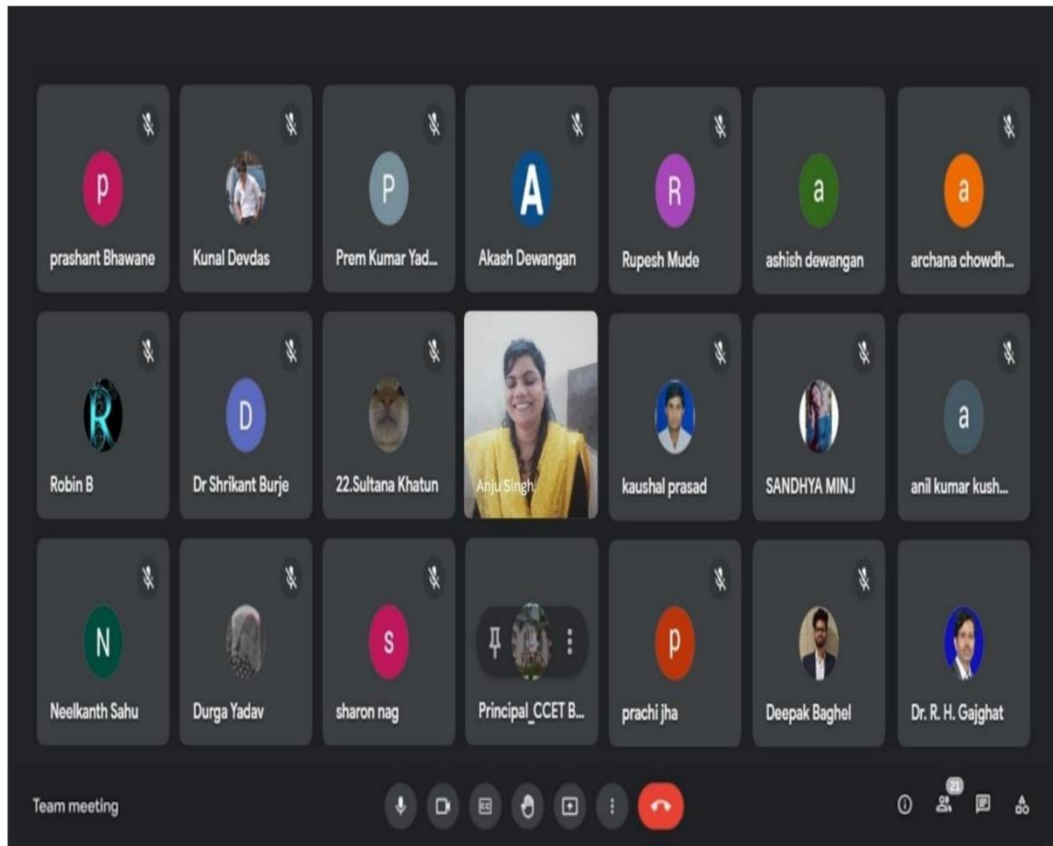
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Anju Singh	SPEAKER
2	Dr. DIPALI SOREN	FACULTY
3	Dr. PREETI NANDKUMAR	FACULTY
4	Dr. SANDHYA PILLAI	FACULTY
5	Mr. ASHISH DEWANGAN	FACULTY
6	Mr. Devendra Kumar Sahu	FACULTY
7	Mr. SALIK RAM DEWANGAN	FACULTY
8	Mr. SRIDHAR BURLA	FACULTY
9	Mrs. PAYAL ROY	FACULTY
10	Mr. SALIK RAM DEWANGAN	FACULTY
11	AJAY KUMAR DAHAHE	ET & T
12	ANAMIKA GAUTAM	ET & T
13	ANURADHA PATEL	ET & T
14	ARPIT GUPTA	ET & T
15	DHARMENDRA SING	ET & T
16	MUSKAN QURAIISHI	ET & T
17	POONAM SONI	ET & T
18	RAVI KANT SAW	ET & T
19	RAHUL KUMAR BRAMHANKAR	MECH
20	ROBINS JACOB JOHN	MECH
21	ROSHAN ROY	MECH
22	SAHIL HUSSAIN	MECH
23	SHARON SURYAVANSHI	MECH
24	SHIVNATH GOTA	MECH
25	SHREYANSH LAL	MECH
26	AAKASH VERMA	ELECTRICAL
27	ABHIJEET CHAKRABORTY	ELECTRICAL
28	ANITOSH KUMAR	ELECTRICAL
29	ANUPAMA KUJUR	ELECTRICAL
30	DEEPAK BAGHEL	ELECTRICAL
31	DIVYANK SURYAWANSHI	ELECTRICAL
32	ANIL NARAYANDESHMUKJ	MTECH
33	JAY SHANKAR PRASAD	MTECH
34	SANDEEP GUPTA	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**Report
of
Guest lecture
ON
Entrepreneurship & Start Up.**

Date : 23/05/2020

Speaker : Dr. Avinash Kumar

**Organized by Institution Innovation Council (MHRD Initiative), CCET,
Bhilai**



Institution Innovation Council (MHRD Initiative) of CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

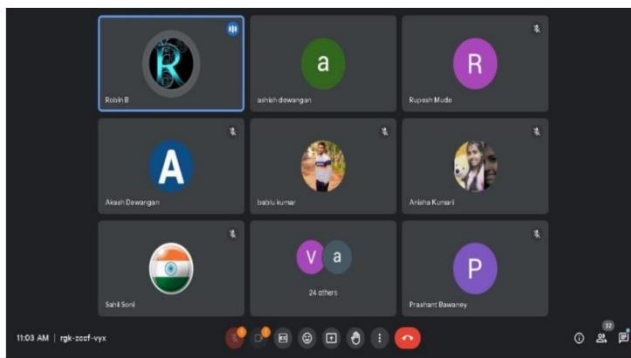
Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The program started with the welcome address by Mrs. Lincy, Faculty of Computer Science Engineering. He has welcomed the participants and briefed about the significance and current & Future Scope of Start Up. Mrs. Lincy, Faculty of Computer Science Engineering has given the introduction about the guest speaker of the lecture and handed over the session to him.

Dr. Avinash Kumar discussed about the Startup & the challenges faced by young entrepreneurs. He also explained the Boom in Startups & encouraged our students. Finally the meeting concluded with the vote of thanks given by Mrs. Lincy, Faculty of Computer Science Engineering, Host for the guest lecture.

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	DR. Avnash Kumar	SPEAKER
2	Dr. DIPALI SOREN	FACULTY
3	Dr. PREETI NANDKUMAR	FACULTY
4	Mr. PRAMOD KUMAR BAGHMAR	FACULTY
5	Mr. PRASHANT BAWANEY	FACULTY
6	Mr. SALIK RAMDEWANGAN	FACULTY
7	Mr. SRIDHAR BURLA	FACULTY
8	AANCHAL PANDEY	CSE
9	ABHISHEK MINJ	CSE
10	ANAND MOHAN YADAV	CSE
11	CHANDRAMUKHI VERMA	CSE
12	DAMNI	CSE
13	DAVIS S CHERIAN	CSE
14	HARISHANKAR BANJARE	CSE
15	ABHAY KUMAR YADAV	MECH
16	ABHAY SEN	MECH
17	AJAY KUMAR NAVRANG	MECH
18	BRAHMANAND JHA	MECH
19	DEE PESH JOHNSON TIRKEY	MECH
20	ANITOSH KUMAR	ELECTRICAL
21	ANUPAMA KUJUR	ELECTRICAL
22	MD AYAN KHAN	ELECTRICAL
23	NAGRAJ	ELECTRICAL
24	SONALI PAUL	ELECTRICAL
25	MAXDAS	E&TC
26	NEELIMA KINDO	E&TC
27	PREETI KUSHWAHA	E&TC
28	SANDHYA MNJ	E&TC
29	SHIVANI GUPTA	E&TC
30	SUMAN GAJBHIYE	M.TECH
31	POONAMSONI	M.TECH
32	JAY SHANKAR PRASAD	M.TECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Guest Lecture

on

Intellectual Property Management for Innovation and Startup

Resource Person: Mr. Deepak Nanaware, Assistant Manager JP-Hi Tech, Rewa (M.P)

Date: 8th October 2020

Venue: Online mode



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY



INVITED LECTURE ON INTELLECTUAL PROPERTY MANAGEMENT FOR INNOVATION AND STARTUP

Resource Person: Mr. Deepak Nanaware
Assistant Manager, JP Hi Tech Rewa
(M.P)

Date: 8th October 2020 & Time: 11.30 am

Organized By: *Research and Development Cell*
Coordinator: *Dr. Sandhya Pillai*



Date: 08/10/2020

Brief summary of the program

The program started with the welcome address by Dr. Dipali Soren, Principal of CCET, Bhilai. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture.

The focus of the lecture was on the protection of Intellectual Property Rights by the Start-up's. How start-up's have to develop their innovations under various Intellectual Property Rights. Inputs were also given how to manage Intellectual Property Rights in their organizations. When starting a business, there are many factors to consider, ranging from bank branding and targeting markets to financial growth. However, intellectual property protection is one of the crucial parts of the market challenges. IP for any companies, specially a start-up, is an intangible asset. It levels the playing field between entrepreneurs and incumbents and is more likely to attract lucrative opportunities.

Nearly 90% of the start-up's fail within their first five years. With the odds stacked against them, they need nearly everything to fall into place to succeed including Intellectual Property Rights. A startup is essentially a disrupter. It disrupts an existing market by providing more convenient service, a service at a lower cost, or both. Every startup that enters a market believes it has a unique strategy. At the heart of every startup's strategy is usually a technology and a clever name or attractive logo. Intellectual Property Rights is crucial for start-up's.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The surest way a startup can succeed against larger rivals is by patenting innovations and inventions. Patents level the playing field between startups and incumbents by ensuring those who innovate are adequately required. When a startup company patents its ideas its valuation increases and it is likely to attract investors. This is because the investors are more likely to acquire a startup whose patents, designs, and trademarks are protected. When a startup patents its ideas, it is the only entity that can take advantage of creating products or services using its patents. This allows it to create unique products and services that have a good chance of success, thereby increasing profits. Unless a startup protects its patents, designs and trademarks using Intellectual Property Rights, its rivals can copy them and steal market share.

An idea that is not patented, when copied by a rival company can be patented by the rival making it difficult for the originator of the idea to benefit from it. Hence, patenting technologies and ideas are vital to the success of a startup. IPR are an important reason for the vast innovation around us. Disruptive startups are challenging incumbents with patented technology ideas. IPR allows a startup that has developed an innovative device to compete effectively against large companies after patenting its invention.

Companies are eager to invest in startups that have unique patents because it gives them access to the technology behind the patents, if not outright ownership of patents themselves. Once a startup has been granted a patent it can use the technology behind it for 20 years without fear that rivals may copy it. The patented technology is also likely to lead the development of new technologies based on the original patent. Trademarks also extend to logos. Every start-up's logo is crucial to its brand's success. Unless a start-up trademarks its logo, it may discover unscrupulous companies copying its logo and stealing its customers.

By trademarking its logo a startup ensures the integrity of its brand and that everyone who wants to buy its product or service can make out the originator of the product. Apart from patents and trademarks, start-ups also use other forms of intellectual property to safeguard its business and increase its market share. Prominent protection is also provided to start-ups in the form of design registration and trade secrets. Leveraging intellectual property by start-up is not only a recommendation but is the mandatory for a success and growth in the marketplace. IP assets are given life as ideas, innovations, compilations, and presentations of information, designs, brands, and licenses. Okay fully conducted IP audit and a well thought out organized IP management plan a valuable IP management tools that can help business cultivate and optimize IP assets. As IP assets become of every increase in value to business, the development, management, and protection of IP assets will continue to impact the bottom line. Organizations that devote the appropriate resources to cultivate and manage their IP assets will be positioned to reap the greatest benefits. Every company stakeholder, from the marketing experts in the marketing department to the scientist in the technology labs to top management must aggressively

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

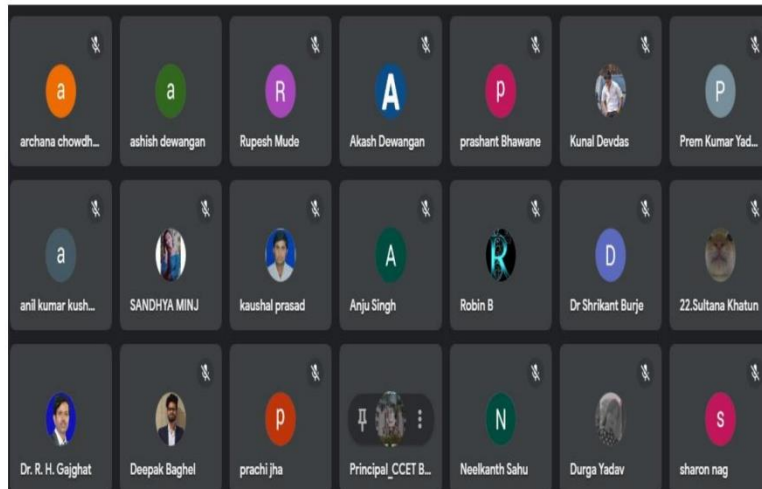
participate in IP management. Strategies for Intellectual Property Management in startups were also discussed.

Top 5 strategies are as follows:

1. Keep your new idea aside from your other employment work.
2. Put in efforts to know your market and competition.
3. Evaluate your core assets well and decide on the form of IP Protection you require.
4. Make sure that your startup owns its Intellectual Property Rights (IPRs)
5. Give a unique name to your startup.

Finally, this lecture was concluded by Dr. Sandhya Pillai, Associate Professor department of Physics and Coordinator of R&D cell by giving vote of thanks.

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Mr. Deepak Nanaware	SPEAKER
2	Dr. DIPALI SOREN	FACULTY
3	Dr. PREETI NANDKUMAR	FACULTY
4	Dr. PULIVARTI SRINIVASA RAO	FACULTY
5	M LALIT SAHU	FACULTY
6	Dr. Sasanka Sekhar Bishoyi	FACULTY
7	DEVENDRAKUMAR SAHU	FACULTY
8	DHARAMSINGH L	FACULTY
9	JESWAR	FACULTY
10	M SUMIT AGRAWAL	FACULTY
11	JAY SHANKAR PRASAD	MTECH
12	ABHAY KUMAR YADAV	MECH
13	ABHAY SEN	MECH
14	AJAY KUMAR NAVRANG	MECH
15	BRAHMANAND JHA	MECH
16	DEEPESH JOHNSON TIRKEY	MECH
17	ANITOSH KUMAR	ELECTRICAL
18	ANUPAMA KUJUR	ELECTRICAL
19	MAXDAS	E&TC
20	NEELIMA KINDO	E&TC
21	PREETI KUSHWAHA	E&TC
22	SANDHYA MINJ	E&TC
23	SHIVANI GUPTA	E&TC
24	AANCHAL PANDEY	CSE
25	ABHISHEK MINJ	CSE
26	ANAND MOHAN YADAV	CSE
27	CHANDRAMUKHI VERMA	CSE
28	DAMINI	CSE
29	DAVIS S CHERIAN	CSE
30	MOHIT MAHESHWARI	ELECTRICAL
31	PITAMBAR PATAIL	ELECTRICAL
32	PRAVEEN	ELECTRICAL
33	HARISHANKAR BANJARE	CSE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

WORKSHOP

ON

RESEARCH METHODOLOGY

Resource Person -Dr. B.K Rath

Professor, Mathematics, Gandhi University, GIET, Gunpur

Date: 15 November 2021

Venue : CCET Bhilai, C.G.

Organized by R&D Cell, CCET, Bhilai



R&D cell of CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date: 15 Nov 2021

Summary of the workshop

A workshop titled "A Step to Research and Its Methods" took place at the CCET, Seminar Hall on 15th November 2021. The goal of the workshop was to give participants a thorough understanding of the research procedure and the many research techniques that can be applied in both academic and professional settings.

There were two sessions in the workshop. While the first session concentrated on research fundamentals and the second session was concentrated on research methods.

First session Research Fundamentals

The definition of research, its significance, and its many varieties were all topics covered in the first session. The speakers emphasized the value of research as a method for learning new things and comprehending the world around us. The creation of a research question that can direct their investigation was encouraged among the participants.

Second session Research Methods

The second session focused on the different research methods that can be used in research. The presenters discussed both quantitative and qualitative research methods and their respective strengths and weaknesses. The participants were also introduced to mixed-methods research, which involves the use of both quantitative and qualitative methods.

The workshop provided an excellent opportunity for the participants to learn about the research process and the various research methods that can be used in academic and professional settings. The participants were able to gain a better understanding of the importance of research and how it can be used to create new knowledge and understanding. The workshop was successful in achieving its objectives and was well-received by the participants.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

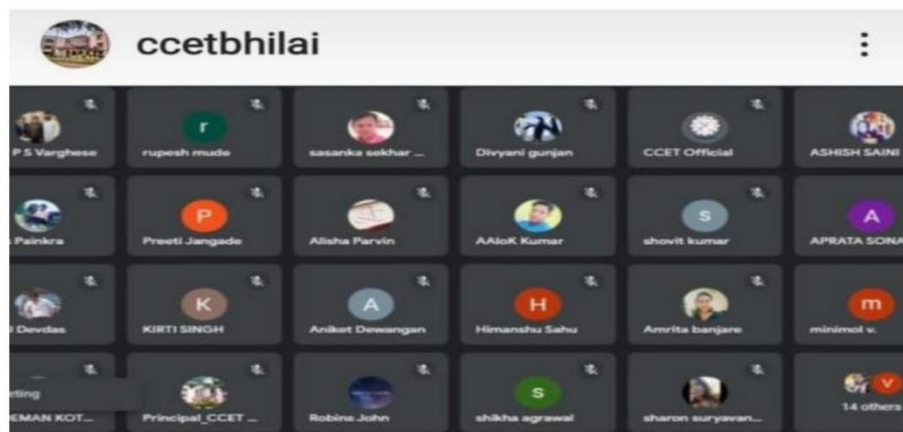
Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Various Snaps take During the Events are as follows:

ONLINE



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	DR. B.K RATH	SPEAKER
2	Dr. DIPALI SOREN	FACUL TY
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Ms SHIKHA AGRAWAL	FACUL TY
5	Mr. RADHESHYAMH GAJGHAT	FACUL TY
6	Mr. AMIT SARDA	FACUL TY
7	Dr. PULIVARTI SRINIVASA RAO	FACUL TY
8	Dr. PREETI NANDKUMAR	FACUL TY
9	Dr. Mrs. MINA MISHRA	FACUL TY
10	AAKASH KASHYAP	CSE
11	AALOK KUMAR MUNDA	CSE
12	AAYUSHI	CSE
13	ABHISHEK KUMAR	CSE
14	ANGAD YADAV	CSE
15	ARYAN GUPTA	CSE
16	ASHISH SAINI	CSE
17	DURGA SONI	CSE
18	AMIT KUMAR SAO	MECH
19	ATUL HIRWANI	MECH
20	BHUPENDRA KUMAR SEN	MECH
21	DINESH KUMAR YADAV	MECH
22	KHUSHBOO	MECH
23	DEEPAK KUMAR	EE
24	HARISH KUMAR	EE
25	KAMLESHWAR	EE
26	PREMKUMAR YADAV	EE
27	RAKESH KUMAR	EE
28	MD AYAN KHAN	EE
29	SAHIL SONI	EE
30	AVINASH EKKA	ETC
31	SHOBHIT KUMAR	ETC
32	AMIT KUMAR	ETC

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

Research Methodology: Major Conceptual Concerns

Resource Person: Dr. Aruna Sao

**Assistant Professor, Shaheed Durwasha Nishad Govt. College, Arjunda
(Balod)**

Date: 16 December 2021

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

CCET
OLDEST PRIVATE COLLEGE IN CHHATTISGARH

CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI

Invited Talk
On
Research Methodology: Major Conceptual Concerns

Resource Person - **Dr. Aruna Sao**
Assistant Professor, Department of Chemistry
Shaheed Durwasha Nishad Govt. College, Arjunda (Balod)

16th December 2021

ORGANIZED BY RESEARCH & DEVELOPMENT CELL, CCET BHILAI
Program Coordinator – Dr. Sandhya Pillai

Date: 16/12/2021

Brief summary of the program:

The Invited talk on Research Methodology: Major Conceptual Concerns was organized on 16 December 2021 for all the students pursuing undergraduate, postgraduate, PhD and faculty members of all departments. The resource person was Dr. Aruna Sao, Assistant Professor in the department of Chemistry, Shaheed Durwasha Nishad Govt. College, Arjunda (Balod)

The program started with welcome address by Dr. Dipali Soren, Principal CCET. She explained the various aspect of research methodology in different areas and also mentioned the significance research.

A guest lecture was organized by the R&D Cell. The lecture was delivered on a very relevant topic 'Research Methodology: Major Conceptual Concerns' by Dr. Aruna Sao, Assistant Professor, Department of Chemistry, Shaheed Durwasha Nishad Govt. College, Arjunda (Balod). Dr. Aruna Sao has a vast experience of more than 15 years of teaching.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

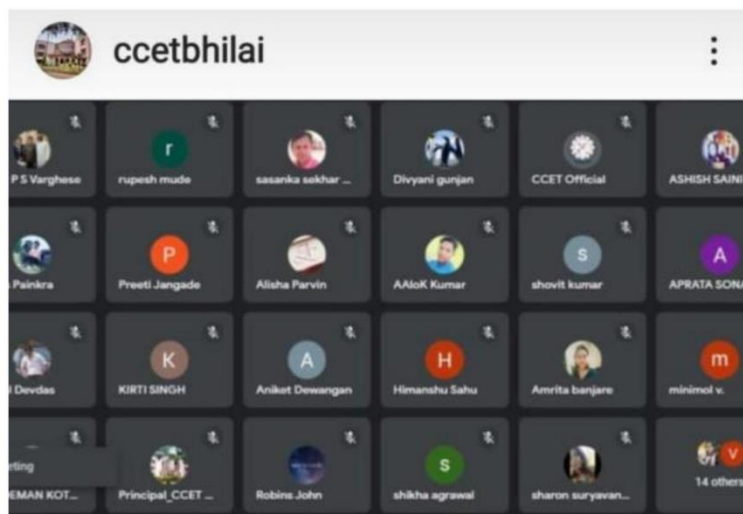
If You Aim High, We Provide The Means

Dr. Aruna Sao enlightened the students and faculties of all the departments about major concepts of Research Methodology. He spoke on the relevance of research methodology. He elaborated the covert and overt aspects of conducting research where the overt aspect involves critical and creative thinking. He also emphasized that without critical analysis, research cannot be hailed as appropriate creative and vice versa. Therefore, creativity juxtaposes critical research.

Overall, the lecture was a refreshing tryst of research methodology with the critical areas of M.Tech students for the curious and enthusiastic students of both B.Tech. and research scholars also. The students were inquisitive and raised many queries, which were answered by the guest in a very pleasant and interesting manner.

The Program ended with a vote of thanks proposed by Dr. Sandhya Pillai, Associate Professor of department of Physics and Coordinator of R&D cell.

The Photos taken During the Events



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Aruna Sao	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. SANDHYA PILLAI	FACULTY
4	Dr. ARCHANA CHOWDHURY	FACULTY
5	Dr. PREETI NANDKUMAR	FACULTY
6	Ms SHIKHA AGRAWAL	FACULTY
7	Mr. ASHISH DEWANGAN	FACULTY
8	Mr. PRASHANT BAWANEY	FACULTY
9	Mr. RADHESHYAMH GAJGHAT	FACULTY
10	AAKASH KASHYAP	CSE
11	AALOK KUMAR MUNDA	CSE
12	AAYUSHI	CSE
13	ABHISHEK KUMAR	CSE
14	ANGAD YADAV	CSE
15	ARYAN GUPTA	CSE
16	ASHISH SAINI	CSE
17	DURGA SONI	CSE
18	GRAMU	MECH
19	HARSAD	MECH
20	HIMANSHU SAHU	MECH
21	MAYUR YADAV	MECH
22	RAJESH KUMAR SHRIVASTAVA	MECH
23	DEEPAK KUMAR	EE
24	HARISH KUMAR	EE
25	KAMLESHWAR	EE
26	VAIBHAV LAKSHMI DUBEY	EE
27	AVINASH EKKA	ETC
28	SHOBHIT KUMAR	ETC
29	AMIT KUMAR	ETC
30	A SATISH KUMAR	MTECH
31	AATIFA FATIMA	MTECH
32	AKASH KUMAR YADAV	MTECH
33	BHUPESH KASHYAP	MTECH
34	MEHELLE AKANKSHA GEORGE	MTECH
35	NIDHI MINJ	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

One Day Workshop

on

Qualitative Research Methodology: Foundations and Data Analysis

Resource Person: Dr. Ritesh Dash

Professor, Reva University, Bangalore

Date: 20 October 2021

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bilai

Approved by AICTE and Affiliated to CSVTU, Bilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI

**One Day Workshop
On
Qualitative Research Methodology: Foundations and Data Analysis**

**RESOURCE PERSON - Dr. RITESH DASH
PROFESSOR, DEPARTMENT OF ELECTRICAL
RIVA UNIVERSITY, BANGLORE**



20th October 2021



**ORGANIZED BY RESEARCH & DEVELOPMENT CELL, CCET BHILAI
Program Coordinator – Dr. Sandhya Pillai**

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date: 20/10/2021

Brief summary of the program:

Research and Development cell of CCET, Bhilai, organized one day workshop on ‘Qualitative Research Methodology: Foundations and Data Analysis’ on 20th October 2021 at its campus. The key resource person for the workshop was Dr. Ritesh Dash Reva University, Bangalore. About thirty participants including faculty members and research scholars attended the program.

The workshop began with a warm welcome to the participants and the resource person, Dr. Ritesh Dash. Thereafter, Dr. Dipali Soren, Professor and Principal of CCET gave a welcome address and apprised the participants about the program objective. Dr. Ritesh started the first session with the basics of research. He talked about the motivation behind doing research and asked the participants to share their motivations behind doing research. He then talked about the philosophical background of research and briefed about the three schools of thought – Traditional, Modern, and Pre Modern view. Thereafter, Dr. Ritesh discussed about epistemology and ontology of qualitative research. Moreover, he explained the difference between constructivism and interpretivism. Later, he explained the usage of these philosophical theories in research. Dr. Ritesh concluded the session by discussing the Ground theory approach of research.

In the second session of workshop started with the discussion on interpretative phenomenological analysis (IPA) by Dr. Ritesh Dash which he discussed about the role and importance of IPA in analyzing the personal experiences of the users. Further, he mentioned that it is the most appropriate qualitative approach to provide detailed examinations of participants’ experiences. Dr. Dash also conducted a brief exercise wherein participants gained hands-on experience of manually identifying codes, categories, themes and concepts from qualitative data. In this session of the Dr. Dash described how to conduct the qualitative research through NVivo software and differentiated the manual and mechanical experiences of qualitative research. Further, he gave an overview of the NVivo software and explained in detail its features and their usage. In the last session, he discussed how to conduct the content analysis using NVivo software.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

All three sessions of this workshop were conducted by Dr. Ritesh Dash. He started the first session by explaining Thematic Analysis through various examples and then demonstrated it using NVivo software. Later, he conducted a practice session for participants to gain practical experience on thematic analysis using the software. In the second and third sessions, Dr. Dash followed the same approach while explaining Sentiment Analysis and Image Analytics with NVivo software. The practice sessions in all three sessions triggered a lot of queries by the participants which were well answered by Dr. Dash. The program concluded by Dr. Sandhya Pillai, Coordinator of R&D cell with valediction, certificate distribution, and a group photograph.

The program was a great learning experience for the participants as they not only acquired the knowledge on various facets of qualitative research but also gained the conviction to apply those learnings in their research domains. Overall, the program was highly appreciated by the participants who expressed their willingness to attend such programs in the future as well.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

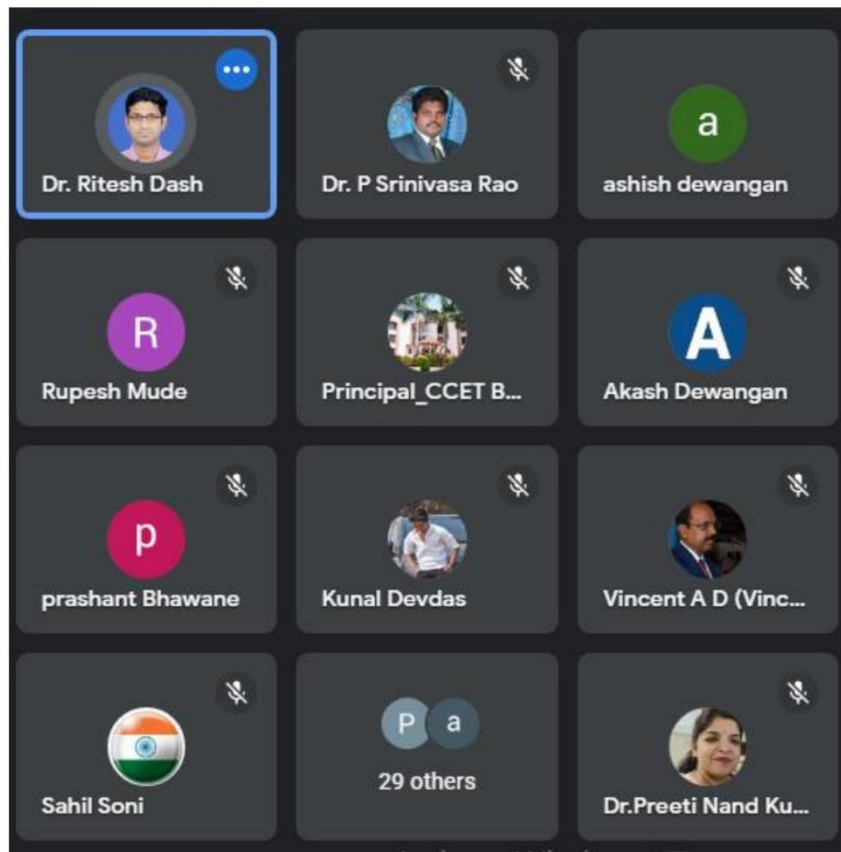
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Photos taken During the Events:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

List of participants

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Dr. Rite sh Dash	SPEAKER
2	Dr. DIPALI SOREN	Principa l
6	Ms SHIKHA AGRAWAL	FACUL TY
7	Mr. ASHISH DEWANGAN	FACUL TY
8	Mr. PRASHANT BAWANEY	FACUL TY
9	Mr. RADHESHYAMH GAJGHAT	FACUL TY
3	Dr. SANDHYA PILLAI	FACUL TY
4	Dr. ARCHANA CHOWDHURY	FACUL TY
5	Dr. PREETI NANDKUMAR	FACUL TY
20	ASHISH PRASAD	MECH
21	BABLU KUMAR	MECH
22	D JOHN VICTOR	MECH
23	DAULAT	MECH
24	G RAMU	MECH
25	HARSAD	MECH
26	HIMANSHU SAHU	MECH
27	MAYUR YADAV	MECH
37	AVINASH EKKA	ETC
38	SHOBHIT KUMAR	ETC
39	AMIT KUMAR	ETC
10	AAKASH KASHYAP	CSE
11	AALOK KUMAR MÜNDA	CSE
12	AA YUSHI	CSE
13	ABHISHEK KUMAR	CSE
14	ANGAD YADAV	CSE
15	ARYAN GUPTA	CSE
16	ASHISH SAINI	CSE
17	DURGA SONI	CSE
18	JAISLEEN SAHOTA	CSE
19	KARAN KUMAR BISEN	CSE
29	DEEPAK KUMAR	EE
30	HARISH KUMAR	EE
31	KAMLESHWAR	EE
32	VAIBHAV LAKSHMI DUBEY	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

Intellectual Property Rights and Their Significance

Resource Person: Mr. Dhananjay Singh, Manager Production

Bhilai Engineering Corporation Ltd.

Date: 10th September 2021

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY



**INVITED TALK ON
INTELLECTUAL
PROPERTY RIGHTS
AND THEIR
SIGNIFICANCE**



**Resource Person: Mr. Dhananjay
Singh
Manager Production
Bhilai Engineering Corporation,
(C.G)**

Date: 10th September 2021 & Time: 11.30 am

**Organized By: Research
and Development Cell
Coordinator: Dr.
Sandhya Pillai**

Date: 16/09/2021

Brief summary of the program:

A guest Lecture on “Intellectual Property Rights and Their Significance” was organized by Research and Development cell at Christian College of Engineering and Technology on 10.9.2021 at Auditorium. Mr Dhananjay Singh, Manager Production in Bhilai Engineering Corporation Ltd. was the resource person in this program. This lecture was organized to create awareness among students and teachers regarding IPR and its protection.

Dr Sandhya Pillai, Associate Professor of Physics and Coordinator of R&D Cell welcomed the gathering, introduced the guest and mentioned objective and importance of program. . She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to the speaker for start the lecture.

Mr. Dhananjay Singh in his speech illustrated the importance of IPR, copy right infringement, do’s and don’ts to avoid infringements. He also gave the students insights on the effect of Intellectual Property Rights on international trade. The speaker emphasized the need for the patent filing procedure, limitations and other intellectual property rights. The information was very useful followed by intensive interactions with the students.

During the session the students would be exposed to different types of intellectual property rights and they would be enlightened and motivated to convert their ideas into innovation and further transformation into IP assets through the protection of their IP rights.

Dr. Sandhya Pillai gave vote of thanks. 30 students and 15 staff members participated in this program

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

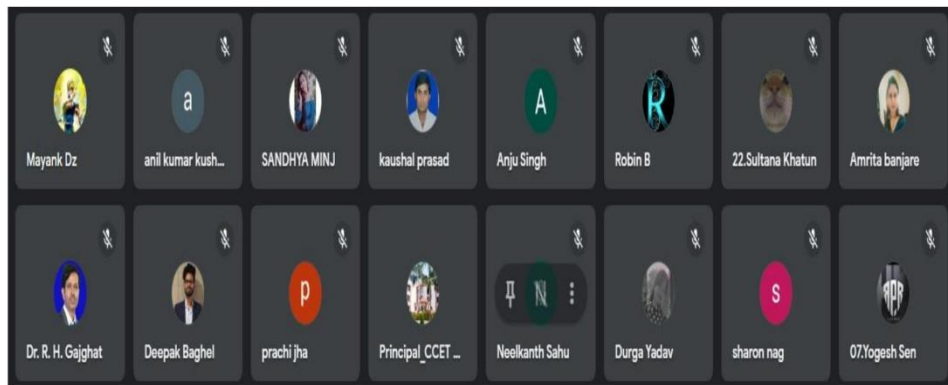
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	MR. DHANANJAY SINGH	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Ms SHIKHA AGRAWAL	FACUL TY
4	Mr. ASHISH DE WANGAN	FACUL TY
5	Mr. PRASHANT BAWANEY	FACUL TY
6	Mr. RADHESHYAMH GAJGHAT	FACUL TY
7	Dr. SANDHYA PILLAI	FACUL TY
8	Dr. ARCHANA CHOWDHURY	FACUL TY
9	Dr. PREETI NANDKUMAR	FACUL TY
10	ASHISH PRASAD	MECH
11	BABLU KUMAR	MECH
12	D JOHN VICTOR	MECH
13	DAULAT	MECH
14	G RAMU	MECH
15	HARSAD	MECH
16	HIMANSHU SAHU	MECH
17	MAYUR YADAV	MECH
18	AVINASH EKKA	ETC
19	SHOBHIT KUMAR	ETC
20	AMIT KUMAR	ETC
21	AAKASH KASHYAP	CSE
22	AALOK KUMAR MUNDA	CSE
23	AA YUSHI	CSE
24	ABHISHEK KUMAR	CSE
25	ANGAD YADAV	CSE
26	ARYAN GUPTA	CSE
27	ASHISH SAINI	CSE
28	DURGA SONI	CSE
29	JAISLEEN SAHOTA	CSE
30	KARAN KUMAR BISEN	CSE
31	DEEPAK KUMAR	EE
32	HARISH KUMAR	EE
33	KAMLESHWAR	EE
34	PREMKUMAR YADAV	EE
35	RAKESH KUMAR	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

Innovation and Intellectual Property Rights

**Resource Person: Dr. A.J Khan, Principal,
MATS University, Raipur (C.G)**

Date: 12th December 2021

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date: 12/12/2021

Brief summary of the program:

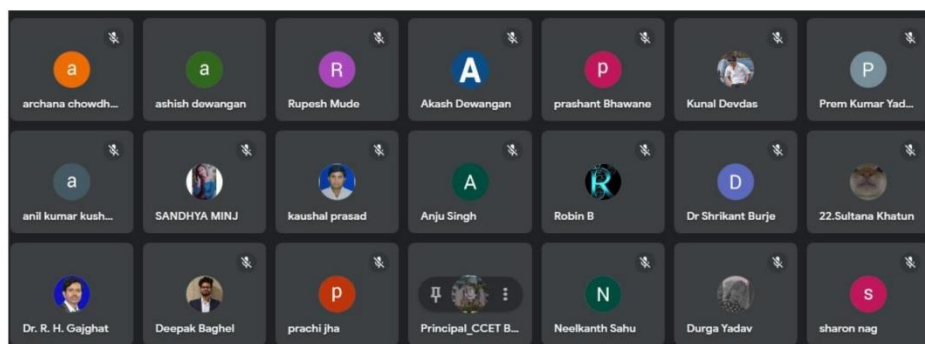
Inaugural talk on Intellectual Property & Innovation was given by Dr. Dipali Soren, Principal CCET, Bhilai.

The invited talk on “Intellectual property rights & Innovations” was well structured, focused and result oriented. The workshop focus on different aspects of Intellectual Property Rights (IPRs), Conversion of the research/project works into Patents and Handson-Training on patent searches for Innovations. This lecture was bring a positive transformation in the Faculty member’s attitude in their UG/PG Projects and research works and get them more focused as well as result oriented.

Dr. Khan in his talk highlighted the significance of IPR like patents, copyrights, trademarks, etc. He started his lecture with background of Intellectual Property, tangible and intangible properties, utilizing the published patent specifications, transferring invention as public property after expiry of term or cessation of patent, providing reward as exclusive right disclosure, etc. He also discussed the trademark and brand mark, Geographical indication, product of mind intellectual property, etc. He explained the detailed case study of filing and granting the patent application. He also elaborated the forms to be used for filing the patent application.

The online lecture on “Intellectual Property Rights (IPR’s) and Patents” was conducted through online via google meet on 12 December, 2021. The aim of the workshop was to establish a basic level of awareness amongst the workshop participants. There were 37 participants registered for this lecture from various departments representing. Dr Sandhya Pillai, convener of the online lecture introduced the program and also expressed the vote of thanks on behalf of entire CCET.

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. A.J Khan	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. SANDHYA PILLAI	FACULTY
4	Dr. ARCHANA CHOWDHURY	FACULTY
5	Mr. RADHESHYAMH GAJGHAT	FACULTY
6	Dr. SANDHYA PILLAI	FACULTY
7	Dr. PREETI NANDKUMAR	FACULTY
8	Ms SHIKHA AGRAWAL	FACULTY
9	Mr. ASHISH DEWANGAN	FACULTY
10	Mr. PRASHANT BAWANEY	FACULTY
11	KAUSHAL PRASAD	MTECH
12	MANISH KUMAR YADAV	MTECH
13	AAKASH KASHYAP	CSE
14	AALOK KUMAR MUNDA	CSE
15	AAYUSHI	CSE
16	ABHISHEK KUMAR	CSE
17	ANGAD YADAV	CSE
18	ARYAN GUPTA	CSE
19	ASHISH SAINI	CSE
20	DURGA SONI	CSE
21	GRAMU	MECH
22	HARSAD	MECH
23	HIMANSHU SAHU	MECH
24	MAYUR YADAV	MECH
25	RAJESH KUMAR SHRIVASTAVA	MECH
26	DEEPAK KUMAR	EE
27	HARISH KUMAR	EE
28	KAMLESHWAR	EE
29	PREMKUMAR YADAV	EE
30	RAKESH KUMAR	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**Report of
Invited Lecture
on
Intellectual Property Rights of Patents, Copyrights and
Trademarks**

Resource Person: Dr. Ritesh Dash, Professor

Reva University, Bangalore

Date: 15th April 2021

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Christian College of Engineering and Technology

**LECTURE ON
INTELLECTUAL PROPERTY
RIGHTS OF PATENTS,
COPYRIGHTS AND
TRADEMARKS**



Resource Person: D r. R itesh D ash
Professor, R eva University, B angalore

Date: 15th April 2021 & Time: 11.00 am

Organized By: Research and Devel opment Cel l
Coordinator: Dr. Sandhya P il l ai



Date: 15/04/2021

Brief summary of the program:

A lecture on intellectual Property Rights of Patents, Copyrights and Trademarks was conducted at CCET, Bhilai on 15/04/2021. The session was organized by Research and Development Department. The lecture was delivered from the conference hall of the CCET. Over 50 participants attended the Ssession through online mode. Participants were welcomed by program Coordinator Dr. Sandhya Pillai at 10.50 am, followed by initial remarks from Dr. Dipali Soren, Principal of CCET. The program was inaugurated by our Respected Principal Prof. Dr. Dipali Soren at 10.40 am with inaugural address.

His lecture started with an introduction to Intellectual Property Laws and spanned across the different disciplines related to IPR. He pointed out that IPR is no more confined to the legal fraternity, but has spread across all disciplines because of which it has an impact and

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

significance on arts, science, commerce, management and business. Patents copyright and trademarks have great significance not only in the uplifting the knowledge economy but also in fine-tuning it. He elucidated the meaning of intellectual use of traditional knowledge with an example of basmati rice case of 1997. He recalled the 1980's IPR laws in India. Also, he recollected his PG teaching to genetics students of University of Mysore during 2005-06 related to intellectual property rights and technology transfers. He gave an overview on the importance of legislation in the field of science and arts community, how innovation comes with different disciplines with collaboration research, marketing innovations etc. He explained how to file a patent in India itself with respect to life science, biotechnology, computer science and physical sciences and also in the context of collaboration research.

He briefed on IPR laws in different countries like USA, Germany, and UK etc. He gave an overview on the claim drafting to capture a molecule or a compound, process, methods, drugs, claims to monopoly, copyright for arts, authoring music, painting, movie, computer program, first author claim of book, translator claim to different language and trademarks used in the court of business and management etc. Then he discussed on different aspects of intellectual properties like industrial design, geographical indication, trade secret, protection of farmers' rights and researchers' rights. He concluded the talk by explaining the rationale of protection and the nature of IPR. He emphasized that IPR has to be renewed from time to time for keeping them in force except in case of copyright and trade secrets.

The program was concluded at 1.00 pm by a vote of thanks by Dr. Sandhya Pillai. The lecture was highly informative to students, teachers and research scholars. Thus the lecture provided valuable awareness and insights on the various aspects of IPR.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	DR. RITESH DASH	SPEAKER
2	Dr. DIPALI SOREN	FACULTY
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Ms SHIKHA AGRAWAL	FACULTY
5	Mr. RADHESHYAMH GAJGHAT	FACULTY
6	Mr. AMT SARDA	FACULTY
7	Dr. PULIVARTI SRINIVASA RAO	FACULTY
8	Dr. PREETI NANDKUMAR	FACULTY
9	Dr. SANDHYA PILLAI	FACULTY
10	AAKASH KASHYAP	CSE
11	AALOK KUMAR MUNDA	CSE
12	AAYUSHI	CSE
13	ABHISHEK KUMAR	CSE
14	ANGAD YADAV	CSE
15	ARYAN GUPTA	CSE
16	ASHISH SAINI	CSE
17	DURGA SONI	CSE
18	AMIT KUMAR SAO	MECH
19	ATUL HIRWANI	MECH
20	BHUPENDRA KUMAR SEN	MECH
21	DINESH KUMAR YADAV	MECH
22	KHUSHBOO	MECH
23	DEEPAK KUMAR	EE
24	HARISH KUMAR	EE
25	KAMLESHWAR	EE
26	PREMKUMAR YADAV	EE
27	RAKESH KUMAR	EE
28	MD AYAN KHAN	EE
29	SAHIL SONI	EE
30	AVINASH EKKA	ETC
31	SHOBHIT KUMAR	ETC
32	AMIT KUMAR	ETC
33	VIVEK	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report

On

Webinar on “A Guide for Entrepreneurship”

Date : 13th July 2021, 11am

Resource Person : Prof Anil Brahmin

Venue : Online Mode.



Organized by IIC, CCET

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report

The Department Electrical Engineering conducted a webinar titled “A Guide for Entrepreneurship” on 13th June 2021, under IIC Unit of CCET Bhilai. The talk was delivered by prof Anil Brahmin, SSTC Bhilai.

The webinar began with defining the term ‘entrepreneurship’, and stated that entrepreneurs work for the betterment of society. Passion, commitment, leadership skills and the ability to teach are some of the characteristics an entrepreneur should have. He laid emphasis on the birth and importance of novel ideas which can lead to the creation of wealth for themselves and the society. An entrepreneur should also be a good mentor to guide and lead a team of people, as well as having multifaceted knowledge of the enterprise because the business environment is always changing and a need to adapt to the current situation is paramount. There is also a need for funding the entrepreneurial endeavor which may be sought from government and private institutions, angel investors and through personal funding. The primary goal is to develop the idea into a practical implementation. The current pandemic has unfortunately led to an economic recession and it make take some time for things to get back to normal. After the talk was completed, the resource person took questions from the participants. A number of questions were asked, some being on the necessity of big ideas versus small ones, the hesitancy of people to join startups because of job security, the risks involved when taking up the entrepreneurial route and differences between an entrepreneur and a business man. Mr Bramhin answered all the queries with clear and crisp information. Dr S S Bishnoyee, IQAC Coordinator, then summed up the talk with his succinct concluding remarks. As the webinar came to a close, Mr Prashant Bawaney, faculty member in the Department Electrical Engineering, proposed the vote of thanks. The webinar received 83 registrations, it was attended by 68 people comprising of faculty and students of the college from all streams.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



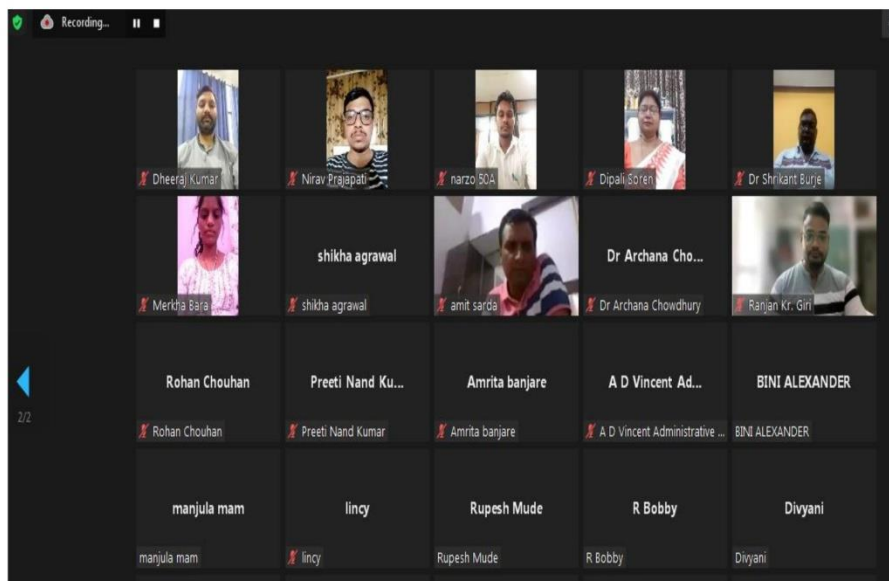
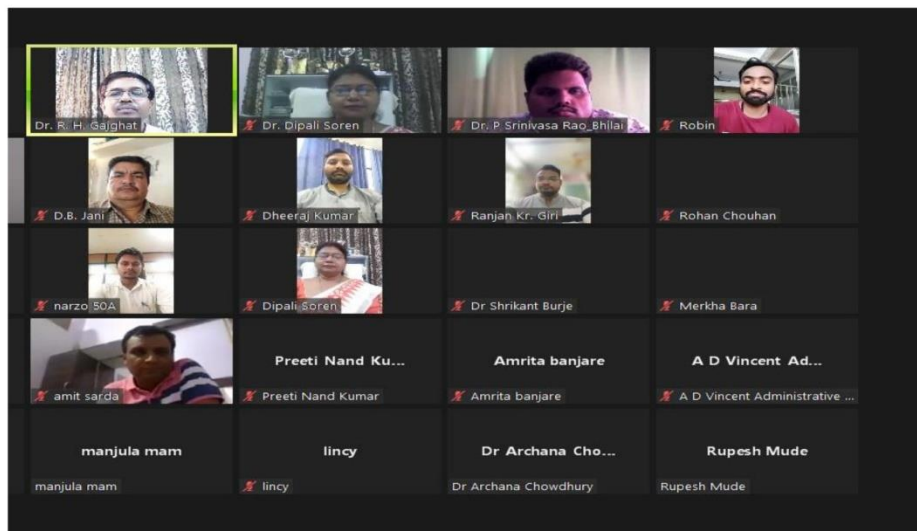
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Dr. Anil Brahmin	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. SANDHYA PILLAI	FACUL TY
4	Dr. ARCHANA CHOWDHURY	FACUL TY
5	Mr. RADHESHYAMH GAJGHAT	FACUL TY
6	Dr. SANDHYA PILLAI	FACUL TY
7	Dr. PREETI NANDKUMAR	FACUL TY
8	Ms SHIKHA AGRAWAL	FACUL TY
9	Mr. ASHISH DEWANGAN	FACUL TY
10	Mr. PRASHANT BAWANEY	FACUL TY
11	KAUSHAL PRASAD	M TECH
12	MANISH KUMAR YADAV	M TECH
13	AAKASH KASHYAP	CSE
14	AALOK KUMAR MUNDA	CSE
15	AAYUSHI	CSE
16	ABHISHEK KUMAR	CSE
17	ANGAD YADAV	CSE
18	ARYAN GUPTA	CSE
19	ASHISH SAINI	CSE
20	DURGA SONI	CSE
21	G RAMU	MECH
22	HARSAD	MECH
23	HIMANSHU SAHU	MECH
24	MAYUR YADAV	MECH
25	RAJESH KUMAR SHRIVAS TAVA	MECH
26	DEEPAK KUMAR	EE
27	HARISH KUMAR	EE
28	KAMLESHWAR	EE
29	PREMKUMAR YADAV	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report

On

The Power of Nanotechnology – Applications and Implications (Webinar)

Date : 6th July 2021, 11am

Speaker: Dr. Tata Narsinga Rao

Venue : Online Mode.



Organised by R & D Cell, CCET

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Nano materials have unique properties that makes it so fascinating like the transparent sunscreen creams and at the same time nano particles can cause harm like the nanosized spikes in the SARS-CoV2 which keeps mutating and affect our respiratory organs. The amazing world of nano materials was very lucidly and interestingly presented by **Dr. Tata Narsinga Rao** from International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) Hyderabad during the Webinar Series on “Science, Technology and Innovation organized by the R&D Cell of Christian College of Engineering and Technology (CCET), Bhilai in association with the Coordinator Cell of Chhattisgarh Council of Science & Technology, Raipur on 6th July 2021. There was huge participation by students, research scholars and faculty members from different parts of the country during the Webinar.

The program began with a brief introduction about the topics deliberated during this Webinar Series by Dr.Dipali Soren, Principal of CCET followed by Dr. Sandhya Pillai, In-charge, R&D Cell, CCET who gave a quick description on the importance of nanotechnology and nanoscience.

Dr. Tata Narasinga Rao explained about the various applications of nanomaterials like Aluminium Nanoparticles for making Hydrogen flame, Nano Aluminium powders for propellant additives, Nano silver for textile industry, Self -cleaning TiO₂ coatings for clothes. He also elaborated upon the recent projects taken up by ARCI including the manufacture of face masks coated with nano Copper that can be very effective in killing the Covid 19 virus.

Rev Father George C Varughese, Executive Vice Chairman of CCET, and Principal Dr.Dipali Soren applauded the efforts of the R&D team in organising such informative and interesting lectures. The program concluded with the vote of thanks by Mr.Ronny Sunny, Asst. Professor, Civil Engineering department and the Coordinator of the Webinar Series.Mrs. Lincy Rodriguez, Assistant Professor, CSE, CCET was the moderator for the event.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



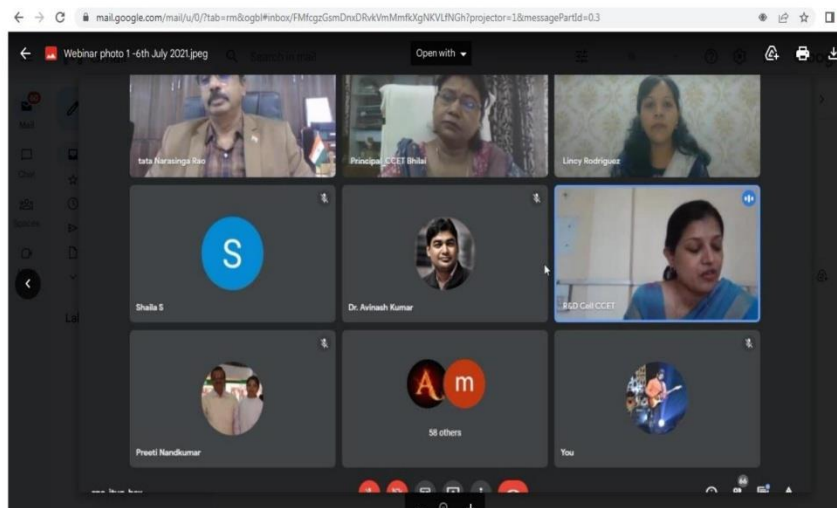
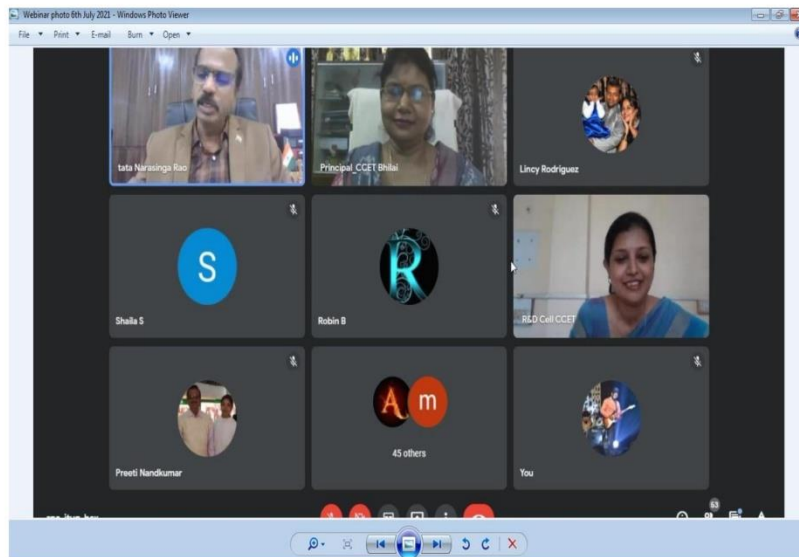
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Tata Narsinga Rao	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. SANDHYA PILLAI	FACULTY
4	Dr. ARCHANA CHOWDHURY	FACULTY
5	Mr. RADHESHYAMH GAJGHAT	FACULTY
6	Dr. SANDHYA PILLAI	FACULTY
7	Dr. PREETI NANDKUMAR	FACULTY
8	Ms SHIKHA AGRAWAL	FACULTY
9	Mr. ASHISH DEWANGAN	FACULTY
10	Mr. PRASHANT BAWANEY	FACULTY
11	KAUSHAL PRASAD	MTECH
12	MANISH KUMAR YADAV	MTECH
13	AAKASH KASHYAP	CSE
14	AALOK KUMAR MUNDA	CSE
15	AAYUSHI	CSE
16	ABHISHEK KUMAR	CSE
17	ANGAD YADAV	CSE
18	ARYAN GUPTA	CSE
19	ASHISH SAINI	CSE
20	DURGA SONI	CSE
21	GRAMU	MECH
22	HARSAD	MECH
23	HIMANSHU SAHU	MECH
24	MAYUR YADAV	MECH
25	RAJESH KUMAR SHRIVASTAVA	MECH
26	DEEPAK KUMAR	EE
27	HARISH KUMAR	EE
28	KAMLESHWAR	EE
29	PREMKUMAR YADAV	EE
30	RAKESH KUMAR	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report

On

‘Entrepreneurship - Challenges & Opportunities’ (Webinar)

Date : 6th Dec 2021, 11am

Speaker: Mr Amit KumarSingh

Venue : Online Mode.



Organized by: Electrical Department & IIC of CCET Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

REPORT

Webinar on 'Entrepreneurship - Challenges & Opportunities' jointly organized by Electrical Department & IIC of CCET Bhilai was held on 6th December 2021 through Google meet platform by 3pm. The Webinar was organized with the aim of sharing and imparting knowledge and awareness on the webinar topics. Altogether 60 members were registered for the event.

Mr Prashant Bawaney, Electrical Department welcomed Speaker Mr Amit Kumar Singh and the participants and introduced the speaker to the audience who were connected via Google Meet. The webinar was a very detailed and fun dive into what being an entrepreneur means and what it entails. It was interesting to listen to the perspective about success and failures in being an entrepreneur.

This session overall was highly informative, captivating, and enlightening. It stimulated the minds and inspired the participant to take a step towards being an entrepreneur.

The vote of thanks was delivered by Mr Ashish Kumar Dewangan, faculty of Electrical Engineering.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Established In 1998
Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai
If You Aim High, We Provide The Means

WEBINAR on ENTREPRENEURSHIP CHALLENGES & OPPORTUNITIES

Keynote Speaker
Mr Amit Kumar Singh
A . S. Industries Durg



Date : 6th December 2021
Time 3pm



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



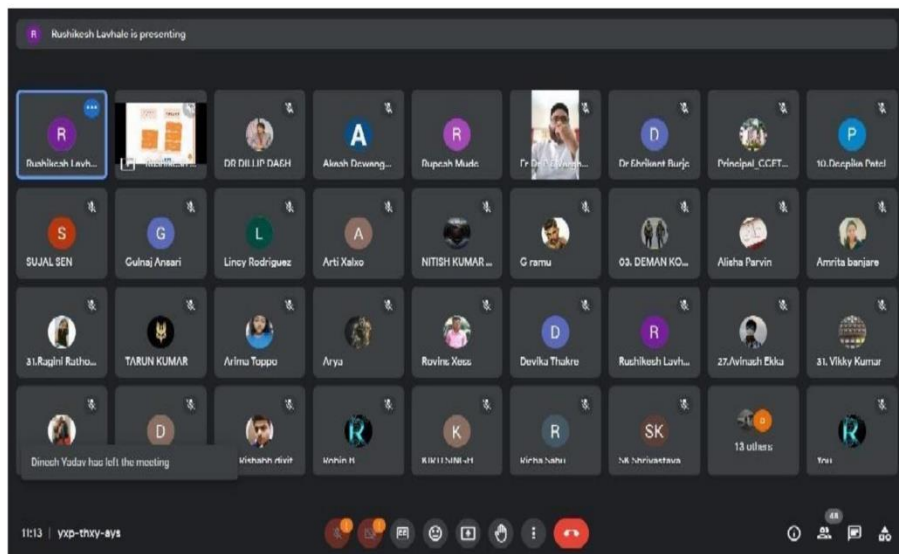
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

List of participant

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	MR. Amit Kumar Singh	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Ms SHIKHA AGRAWAL	FACULTY
4	Mr. ASHISH DEWANGAN	FACULTY
5	Mr. PRASHANT BAWANEY	FACULTY
6	Mr. RADHESHYAM H GAJGHAT	FACULTY
7	Dr. SANDHYA PILLAI	FACULTY
8	Dr. ARCHANA CHOWDHURY	FACULTY
9	Dr. PREETI NANDKUMAR	FACULTY
10	ASHISH PRASAD	MECH
11	BABLU KUMAR	MECH
12	D JOHN VICTOR	MECH
13	DAULAT	MECH
14	G RAMU	MECH
15	HARSAD	MECH
16	HIMANSHU SAHU	MECH
17	MAYUR YADAV	MECH
18	AVINASH EKKA	ETC
19	SHOBHIT KUMAR	ETC
20	AMIT KUMAR	ETC
21	ARYAN GUPTA	CSE
22	ASHISH SAINI	CSE
23	DURGA SONI	CSE
24	JAISLEEN SAHOTA	CSE
25	KARAN KUMAR BISEN	CSE
26	RAKESH KUMAR	EE
27	SAHIL SONI	EE
28	TRIBHUWAN	EE
29	VAIBHAV LAKSHMI DUBEY	EE
30	A SATISH KUMAR	M.TECH
31	AATIFA FATIMA	M.TECH
32	AKASH KUMAR YADAV	M.TECH
33	BHUPESH KASHYAP	M.TECH
34	MECHELLE AKANKSHA GEORGE	M.TECH
35	NIDHI MINJ	M.TECH
36	NIKITA TIGGA	M.TECH
37	PRAVEEN KUMAR GAVEL	M.TECH
38	SHIVA JI	M.TECH
39	SANDHYA MINJ	M.TECH
40	BHUPESH SONKAR	M.TECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

WORKSHOP

ON

RESEARCH METHODOLOGY

Resource Person -Dr. R.P. Dewangan, Chairman Water Cell, CSVTU Bhilai

Date :07 Dec 2022

Venue :CCET Bhilai,C.G.



Organized by R&D Cell,CCET,Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date: 7 Dec 2022

Summary of the workshop

A research methodology workshop was conducted on 7th December 2022 in CCET with 31 participants. The workshop aimed to provide a comprehensive understanding of research methodology and its various components, including research design, data collection, data analysis, and interpretation of results. The workshop began with an introduction to the importance of research methodology in conducting high-quality research and its significance in producing reliable and valid results.

The program started with lamp lighting and welcome of the guest for the session by Dr ArchanaChoudhary, Vice Principal CCET. She emphasized the importance of Research and how a proper methodology should be followed for carried out while doing well defined research activities.

Speaker of the workshop was delivered by Dr. R.P. Dewangan, Chairman Water Cell, CSVTUBhilai

The participants were guided through the process of developing a research design which include the selection of appropriate research methods, defining research questions and hypothesis and formulating a research plan. The workshop emphasized on the need for a well-defined research designs it serves as the foundation for the entire research process.

The workshop also focused on various data collection methods, including surveys, interviews, observations, and experiments. The participants were introduced to the strengths and weaknesses of each data collection method and were guided on how to choose the most appropriate method based on their research objectives.

Data analysis techniques were another crucial aspect covered in the workshop. The participants learned about different methods of data analysis, such as quantitative and qualitative analysis, and were provided with practical examples of how to analyze and interpret research data.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Various Snapstake During the Events



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	MR. R. P. DEWANGAN	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREETI NANDKUMAR	FACULTY
5	Ms SHIKHA AGRAWAL	FACULTY
6	Mr. ASHISH DEWANGAN	FACULTY
7	Mr. PRASHANT BAWANEY	FACULTY
8	Mr. RADHESHYAMH GAJGHAT	FACULTY
9	Ms Richa Sahu	FACULTY
10	Ms Divyani	FACULTY
11	ANISHA KUMARI	CSE
12	DHEERAJ SONI	CSE
13	DIKSHA SONI	CSE
14	DURGA JYOTI YADAV	CSE
15	SHIVNATH GOTA	MECH
16	SHREYANSH LAL	MECH
17	ASHWANI KUMAR PANDEY	EE
18	BHARTI JENA	EE
19	Dewanshu Ghatode	EE
20	HARBHAJAN BAGHEL	EE
21	Himanshu Sharma	EE
22	Nikita	EE
23	RAGINI RATHORE	EE
24	KOMAL PRASAD	ET & T
25	NIHAL SHARMA	ET & T
26	AVINASH EKKA	ET & T
27	AMIT KUMAR	ET & T
28	AMIT KUMAR YADAV	MTECH
29	Kunal Anant	MTECH
30	Lokesh Patel	MTECH
31	NIKHIL KUMAR VERMA	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Guest Lecture

on

Basics of Research Methodology

Resource Person: Dr. Pratibha Kurup

Associate Professor, Chhatrapati Shivaji Institute of Technology, Durg

Date: 10 February 2022

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



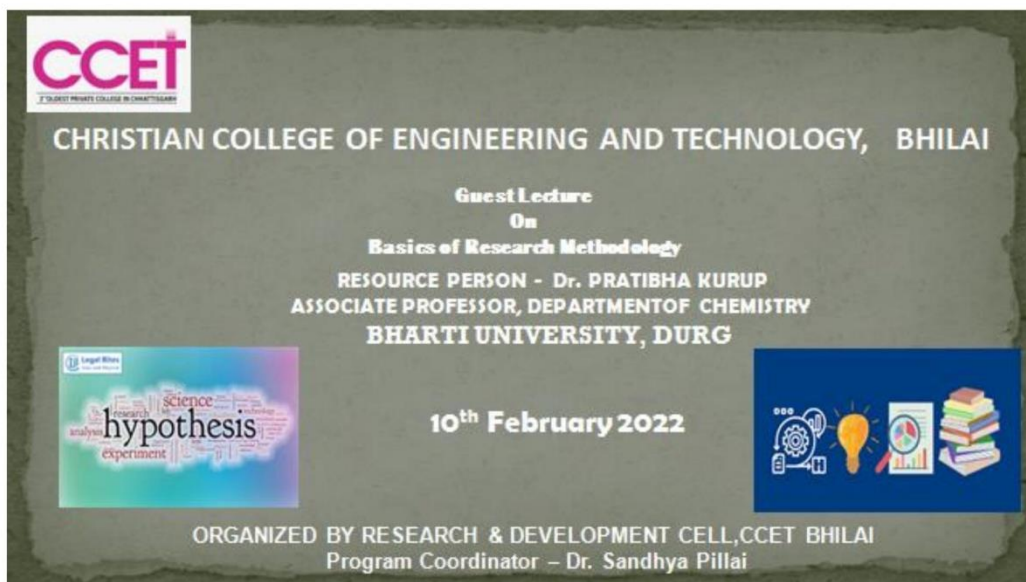
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Date: 10/02/2022

Brief summary of the program:

A guest lecture on Basics of Research and Methodology was organized on 10th February, 2022. Dr. Pratibha Kurup, Associate Professor of Department of Chemistry, was the chief speaker. He explained the importance of research and methodology, methods of preparation, and importance of published papers. He also discussed the steps to publish research papers, the content, and how to present research in paper

The program started with welcome address by Dr. Dipali Soren, Principal CCET. She explained the various aspect of research methodology in different areas and also mentioned the significance research.

Objectives of conducting Guest lecture

- To make students learn and interact with renowned industry experts.
- Make Students to receive an unparalleled education on the art of “Research Methodology with personal one on one attention.
- To make every student an expert in Research Methodology this would be very useful for developing of their

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

own Research projects.

Overview about the lecture

The aim of this workshop is to make the students are going to gain basic knowlodge in the field of Research for their projects handled in the B.Tech and upcoming students. Research methods are very important to implements the projects their academics.

Dr. Pratibha Kurup gave knowledge to students about Research methodology and the steps required for it, he enlightened students about the Research field and opportunities in it, he also threw focus on report writing which will help students in academics projects and will also help them in future if they wish to pursue career in research field.

Learning Outcome

- Students were given knowledge about the Research field and opportunities in it.
- Students got to know about the report writing skills and its importance.
- The knowledge gained will help students for while writing their final year project reports.

The program concluded by Dr. Sandhya Pillai, Associate Professor of Physics and Coordinator of R&D cell with valediction and certificate distribution.

The Photos taken During the Events:

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



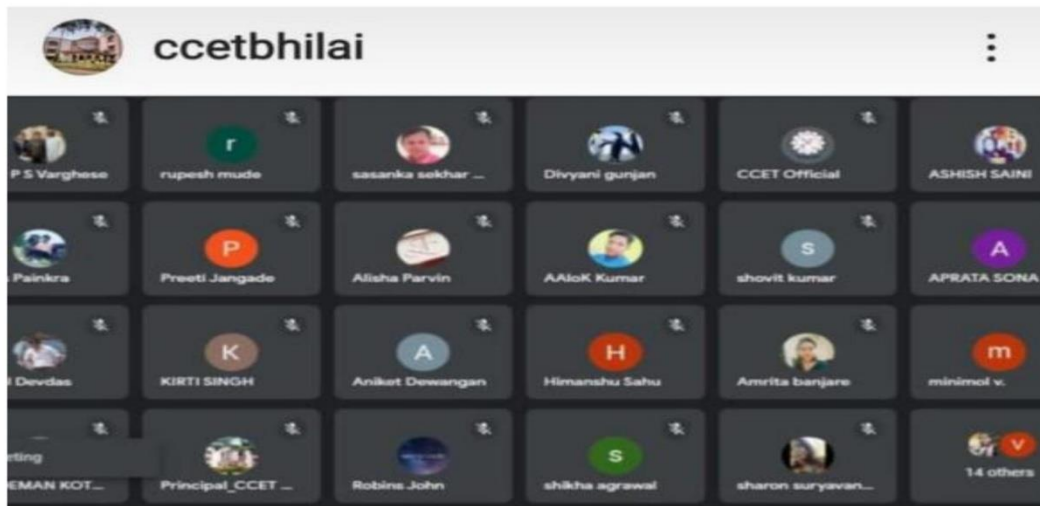
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	DR. PRATIBHA KURUP	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREETI NANDKUMAR	FACULTY
5	Dr. SANDHYA PILLAI (nov)	FACULTY
6	Mr. ASHISH DE WANGAN	FACULTY
7	Mr. PRASHANT BAWANEY	FACULTY
8	Mr. RADHESHYAMH GAJGHAT	FACULTY
9	Ms Richa Sahu	FACULTY
10	Ms Divyani	FACULTY
11	DEVIKA THAKRE	CSE
12	GULNAJ ANSARI	CSE
13	VIBHA	CSE
14	VIJAY RELWANI	CSE
15	VINAY MNJ	CSE
16	SAGAR YADAV	MECH
17	Alakh Niranjana	MECH
18	Poonam	MECH
19	G RAMU	MECH
20	HARSAD	MECH
21	HIMANSHU SAHU	MECH
22	MAYUR YADAV	MECH
23	RAJESH KUMAR SHRIVASTAVA	MECH
24	VAIBHAV LAKSHMI DUBEY	EE
25	VISHNU RAM	EE
26	VIVEK	EE
27	DEEPAK CHAUDHARY	EE
28	DUJENDRA KUMAR SAHU	EE
29	VEDINA XAXA	EE
30	ASHISH SONI	ET & T
31	HARSH TARONE	ET & T
32	KOMAL PRASAD	ET & T
33	NIHAL SHARMA	ET & T
34	AVINASH EKKA	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

One Day Workshop

on

Fundamentals of Research Methodology

Resource Person: Dr. Anupam Choudhary

Professor, Rizvi College of Engineering, Mumbai

Date: 20 April 2022

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The poster features the CCET logo in the top left corner. The main text reads: 'CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI', 'ONE DAY WORKSHOP ON Fundamentals of Research Methodology', 'RESOURCE PERSON - Dr. Anupam Choudhary, Professor, Department of Computer Science, Rizvi College of Engineering, Mumbai', and '30th April 2022'. At the bottom, it states 'ORGANIZED BY RESEARCH & DEVELOPMENT CELL, CCET BHILAI' and 'Program Coordinator - Dr. Sandhya Pillai'. There are two illustrations: one on the left showing people around a whiteboard, and one on the right showing a globe and research tools.

Date: 20/04/2022

Brief summary of the program:

The workshop on Fundamentals of Research Methodology was organized on 20 April 2022 for all the students pursuing undergraduate, postgraduate, PhD and faculty members of all departments. The resource person was Dr. Anupam Choudhary, Professor in the department of Computer Science, Rizvi College of Engineering, Mumbai.

The program started with welcome address by Dr. Dipali Soren, Principal CCET. She explained the fundamental of research methodology and also mentioned the importance of Research methodology in different fields.

The Fundamental of Research Methodology Workshop was tailor-made to facilitate the academic requirements of the Post-Graduate student community and faculty members also. The one day trans-disciplinary workshop

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

- to develop knowledge on the fundamentals of research
 - to build knowledge on research design, application & data analysis
 - to develop skills for synopsis/thesis development & academic writing
- The workshop was conducted free of cost to the students.

The workshop started with the session on ‘Fundamentals of Research’ by Dr Anupam Choudhary, Professor Department of Computer Science. The first session is based on, ‘Qualitative Methodology: Research Design, Sampling Design & Application’. The second session was followed by ‘Data Analysis & Presentation in Qualitative Research’. The last session of the day was ‘Essentials of Literature Review’.

In this workshop, the ‘Quantitative Methodology: Research Design, Sampling Design & Application’ was also discussed by him. He introduced the basics of research and emphasized on the importance of research methodology, hypothesis testing, sample selection and research process

The student participants gave a positive feedback on their learning experience during the one day workshop in the feedback session.

The participants were extremely overwhelmed by the lecture delivered by Dr. Anupam Choudhary as it would be very effective for their career and future work on research.

It was concluded by the vote of thanks delivered by Dr. Sandhya Pillai, Associate Professor of Department of physics and Coordinator of R& D cell.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

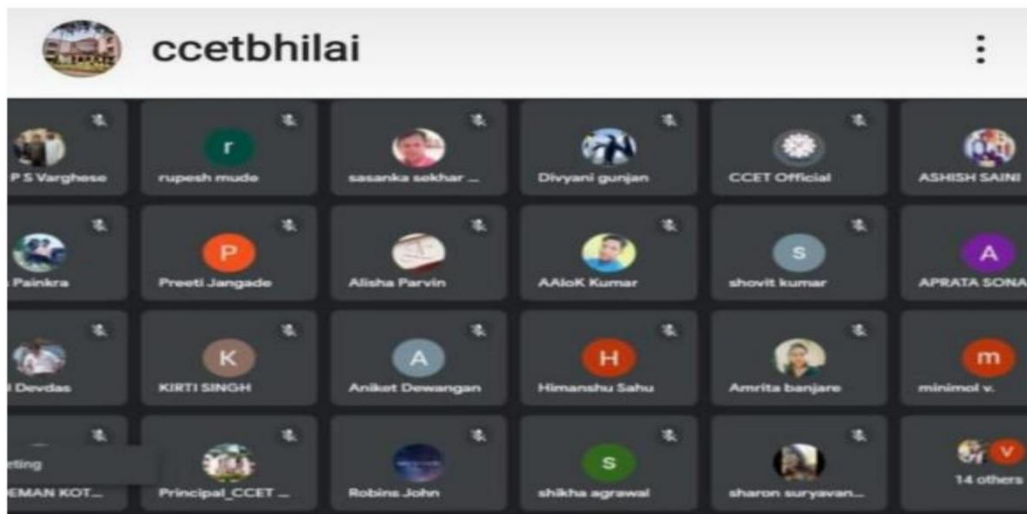
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Photos taken During the Events:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	DR. ANUPAM CHOUDHARY	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Mr. RADHESHYAMH GAJGHAT	FACULTY
5	Ms Richa Sahu	FACULTY
6	Dr. PREETI NANDKUMAR	FACULTY
7	Dr. SANDHYA PILLAI (nov)	FACULTY
8	Mr. ASHISH DEWANGAN	FACULTY
9	Mr. PRASHANT BAWANEY	FACULTY
10	Ms Dnyani	FACULTY
11	TIKESHWARI	CSE
12	VAISHALI	CSE
13	VANADA YADAV	CSE
14	VIBHA	CSE
15	VIJAY RELWANI	CSE
16	VINAY MINJ	CSE
17	SAGAR YADAV	MECH
18	Alakh Niranjan	MECH
19	Aman Uikey	MECH
20	Amit sahu	MECH
21	ankush kumar	MECH
22	ATUL HIRWANI	MECH
23	ROVINS XESS	EE
24	SHIVENDRA PANIGRAHI	EE
25	SUGAMBAKSHI	EE
26	VEDINA XAXA	EE
27	ASHISH SONI	ET & T
28	HARSH TARONE	ET & T
29	KOMAL PRASAD	ET & T
30	NIHAL SHARMA	ET & T
31	AVINASH EKKA	ET & T
32	AMIT KUMAR	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report on
One Day Workshop on Research
Methodology
Keynote Speaker: Dr Dewanand Bhosale
Professor, SSTC Bhilai

Session – 2021-22

Date of visit: -02/09/2022



Organized by Electrical Department, CCET Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The workshop on research methodology for Engineering research scholars aims to enhance their understanding and application of various research techniques. It will focus on both theoretical knowledge and practical skills related to research in the Engineering field. Here are the key topics that the workshop is covered by Dr Dewanand Bhosale, Keynote speaker.

1. Formulation of Research Problem:

Participants will learn how to identify and articulate research problems effectively. Understanding how to frame a clear and well-defined research problem is crucial for the success of any research study.

2. Formulation of Research Hypothesis and Testing:

The workshop will cover the process of formulating research hypotheses based on the research problem. Participants will also learn about different hypothesis testing methods to determine the validity of their hypotheses.

3. Conducting Literature Review:

The importance of literature review in the research process will be emphasized. Participants will learn how to conduct a comprehensive literature review to understand the existing knowledge and identify gaps in previous studies.

4. Data Collection Methods:

Different data collection methods commonly used in Engineering research will be explored. This may include surveys, experiments, case studies, interviews, observations, etc. Understanding the strengths and limitations of each method is essential for accurate data collection.

5. Selection of Statistical Methods for Data Analysis:

Participants will learn how to select appropriate statistical methods for analyzing the collected data.

This includes both parametric (e.g., t-tests, ANOVA) and non-parametric (e.g., Mann-Whitney U test, Kruskal-Wallis test) methods, depending on the nature of the data and research questions.

6. Report Writing:

The workshop will cover the essentials of effective research report writing. Participants will be guided on how to structure their research reports, present their findings, and draw meaningful conclusions.

Throughout the workshop, there will be practical exercises and case studies to reinforce the concepts discussed. Participants will have the opportunity to work on sample research problems and datasets to gain hands-on experience in applying the research methodology techniques.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	DR. Dewanand Bhosale	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREETI NANDKUMAR	FACULTY
5	Mr. ASHISH DEWANGAN	FACULTY
6	Mr. PRASHANT BAWANEY	FACULTY
7	Ms Divyani	FACULTY
8	Mr. RADHESHYAMH GAJGHAT	FACULTY
9	Ms Richa Sahu	FACULTY
10	TIKESHWARI	CSE
11	VAISHALI	CSE
12	VANADA YADAV	CSE
13	VIBHA	CSE
14	VIJAY RELWANI	CSE
15	VINAY MNJ	CSE
16	SAGAR YADAV	MECH
17	Alakh Niranjana	MECH
18	Aman Uikey	MECH
19	Amit sahu	MECH
20	ankush kumar	MECH
21	ATUL HIRWANI	MECH
22	ROVINS XESS	EE
23	SHIVENDRA PANIGRAHI	EE
24	SUGAMBAKSHI	EE
25	VEDINA XAXA	EE
26	ASHISH SONI	ET & T
27	HARSH TARONE	ET & T
28	KOMAL PRASAD	ET & T
29	NIHAL SHARMA	ET & T
30	AVINASH EKKA	ET & T
31	AMT KUMAR	ET & T
32	Atul Choudhary	MTECH
33	Deepak Baghel	MTECH
34	G Praveen Kumar	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report
on
IPR Awareness Programme
Keynote Speaker
Dr RajKumar Jhapate
Professor, SSTC Bhilai
Date of visit: -08/12/2022



Organized by Electrical Department
CCET Bhilai
Session – 2021-22

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report

The training program on Intellectual Property (IP) rights, held on 8th December 2022, was a pivotal initiative to educate 25 participants on the importance of IP and to establish transparent procedures for its ownership, protection, and commercialization. The program was designed to uphold the core moral values of academic researchers and faculty, including integrity, merit, academic freedom, and pursuit of excellence. The primary objective of the program was to promote awareness about the significance of intellectual property as a crucial asset for organizations, particularly in the dynamic global market environment. By educating participants about IP rights, the program aimed to empower them to safeguard their innovative creations and ideas.

Additionally, the training program fostered a culture of creativity and innovation in the fields of science and technology. Through a diverse range of activities, the attendees were encouraged to explore, stimulate, and cultivate inventive endeavors in the broadest sense. Practical workshops and interactive sessions provided a platform for participants to brainstorm and collaborate on innovative projects. The program also emphasized ethical practices in handling intellectual property. By incorporating discussions on maintaining academic integrity and adhering to core moral values, the participants were equipped to pursue their creative activities responsibly and with a sense of purpose.

Ultimately, the training program on Intellectual Property rights served as a catalyst for the participants to recognize the potential of their intellectual contributions and provided them with the tools and knowledge to protect and commercialize their innovations effectively. As these trained individuals move forward, they are better prepared to contribute to the growth of their organizations and the advancement of science and technology, leveraging their intellectual assets to thrive in the competitive global market

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

List of Participants

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Mr. RAJ KUMAR JHAPTE	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREETI NANDKUMAR	FACULTY
5	Mr. ASHISH DEWANGAN	FACULTY
6	Mr. PRASHANT BAWANEY	FACULTY
7	Ms Divyani	FACULTY
8	Mr. RADHESHYAM H GAJGHAT	FACULTY
9	Ms Richa Sahu	FACULTY
10	TIKESHWARI	CSE
11	VAISHALI	CSE
12	VANADA YADAV	CSE
13	VIBHA	CSE
14	VIJAY RELWANI	CSE
15	JEEVAN BARA	CSE
16	VINAY MINJ	CSE
17	SAGAR YADAV	MECH
18	Alakh Niranjani	MECH
19	Aman Uikey	MECH
20	Amit sahu	MECH
21	ankush kumar	MECH
22	ATUL HIRWANI	MECH
23	ROVINS XESS	EE
24	SHIVENDRA PANIGRAHI	EE
25	SUGAM BAKSHI	EE
26	VEDINA XAXA	EE
27	ASHISH SONI	ET & T
28	HARSH TARONE	ET & T
29	KOMAL PRASAD	ET & T
30	NIHAL SHARMA	ET & T
31	AVINASH EKKA	ET & T
32	AMIT KUMAR	ET & T
33	Atul Choudhary	M.TECH
34	Deepak Baghel	M.TECH
35	G Praveen Kumar	M.TECH
36	Nagraj	M.TECH
37	Sujit Kumar Singh	M.TECH
38	Suyash kumar sahu	M.TECH
39	Vinita Garhvaliya	M.TECH
40	BHUPESH SONKAR	M.TECH
41	JUSTIN CHACKO PULICKTHARAYIL	M.TECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**Invited Talk
on
Legal Aspects and Intellectual Property Rights**

Resource Person: Mr. Rakesh Yadu, Advocate, District Court Durg (C.G)

Date: 16th December 2022

Venue: CCET, Bhilai (C.G.)



Organized by: R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY



**INVITED TALK ON
LEGAL ASPECTS AND
INTELLECTUAL
PROPERTIES RIGHTS**



**Resource Person: Mr. Rakesh Yadu
Advocate
District Court Durg, (C.G)**

Date: 16th December 2022 & Time: 11.30 am

**Organized By: Research
and Development Cell**

Date: 16/12/2022

BRIEF SUMMARY

The Research and Development Cell conducted an invited talk on Legal Aspects and Intellectual Property Rights for students and faculty members on 16 December 2022. The viewers were asked to send their questions in advance so that they could obtain their answers from the expert itself.

The program started with the welcome address by Dr. Dipali Soran, Principal CCET Bhilai. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture.

Ms Rakesh began the seminar stating that our country has one of the strongest IP law in the world. Since most of the viewers for that day's session were engineers, they tend to produce various ideas which ultimately need to be protected. IPR is a regime a pillar of protection and second enforcement by IP lawyers.

IP is basically a property which is the product of an individual's intellect in the form of symbols, names, sound, music, invention, paintings, photographs, movies, technologies and design etc. IP are classified further into types as patents, copyright, trademarks, designs, geographical indications, integrated circuits and semiconductor layout designs, plant varieties and trade secrets.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Patents are exclusive rights to an inventor to capitalize an invention and prevent third parties from manufacturing, using, selling or importing the said invention. There are two kinds of patents namely product patent and process patent. The type of inventions to be included in a patent is new, non-obvious to a person skilled in the relevant field and that has industrial application. The validity of a patent is only 20 years.

He also told about “What is not patentable?” Inventions that are frivolous or against established natural laws, which may get harmful to humans and animal health, a person’s discovery already known including new properties of substance, scientific principles or formulations, mathematical formulae, algorithms etc. are not patentable. Methods of agriculture or horticulture, a rule or method of performing mental act or playing games are also non patentable.

The next topic focused on was Copyrights and related rights. Copyright is an exclusive right given by law for original literary, dramatic, musical, artistic works, cinematograph films and sound recordings.

The related rights are as follows:

- Performer’s rights: rights of an actor, singer, musician, dancer, acrobat, juggler etc.
- Broadcasters right: communication to public by any means of wireless diffusion, sound or visual images
- Economic rights: to reproduce, make copies, sell, distribute, display to public, assign/license
- Moral rights: right of acknowledgement, right to object against mutilation/distortion of work

He described about the Copyright infringement. It includes making infringing copies for sale or hire, distributing infringing copies for trade or incorporation of infringing copies into India. It does not include a fair deal for research, study, criticism, review and news reporting.

Trademarks and branding has also explained by him. A trademark is a mark capable of being represented graphically and capable of distinguishing the goods or services of one person from those of others such as a visual, symbol, word, name, label, numerals of combination of colours’ Trademark is registered for 10 years and can be renewed.

Counterfeiting is when a counterfeit product which is either an exact copy of a genuine product, with the same words, logos and colours or so similar that one can mistake it for a real product. Industrial designs features of shape, configuration, pattern, ornament, composition of colours or lines or a combination there of, applied to an article by any industrial process/ means, which appeal and judged solely by eye. After registration a design is

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

valid for 15 years during which a registered design can only be used after getting a license from its owner. Once the validity period is over the design is free for anybody to use.

Geographical Indication is a sign used on product that have a specific geographical origin and possess qualities or a reputation that are due to that origin. The importance of geographical indication is that primarily an agricultural, natural or a manufactured product (handicrafts and industrial goods) originating from a definite geographical territory. The registration is valid for 10 years and can be renewed every 10 years.

He discussed about the Semiconductor Integrated layout design. A layout design is the layout of transistors and other circuitry elements including lead wires connected in semiconductor integrated circuits. The act 2000 deals with “layout design” used in semiconductor integrated circuits which is in the form of intellectual property. The act provides protection for a period of 10 years

He also gave detailed description of Protection of plant varieties. It is exclusively and recognition provided to plant breeders and farmers for their contributions in developing, improving and cultivating new varieties of plants. So one must register plant varieties under the farmer’s rights act 2001 a far reaching legislation establishing rights of breeders. This act grants IPRs to farmers and plant breeders who cultivate or develops new or extant plant varieties. It recognizes the farmer as a cultivator, conserver and breeder.

Trade secrets have also been discussed by him. It is any commercially valuable and sensitive business information. Trade secrets may include R&D information, software algorithms, invention, designs, formulas, financial records, ingredients, lists of customers, devices, methods, consumer profiles and advertising strategies or policies of a company etc.

India like many other countries does not have a statute to protect trade secrets. Trade secrets are protected through common law rights and equity. Businesses can protect its trade secrets through confidentiality agreements for its employees and vendors and by restricting access to the information any other means. A trade secret can be protected for an unlimited period of time.

The session was concluded by Dr. Preeti Nandkumar explaining an individual’s responsibility towards IP protection methods which includes: Originality in business approach, by not purchasing/accessing counterfeit products/pirated content, due diligence resisting party IP and by securing protection for one’s own IP.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

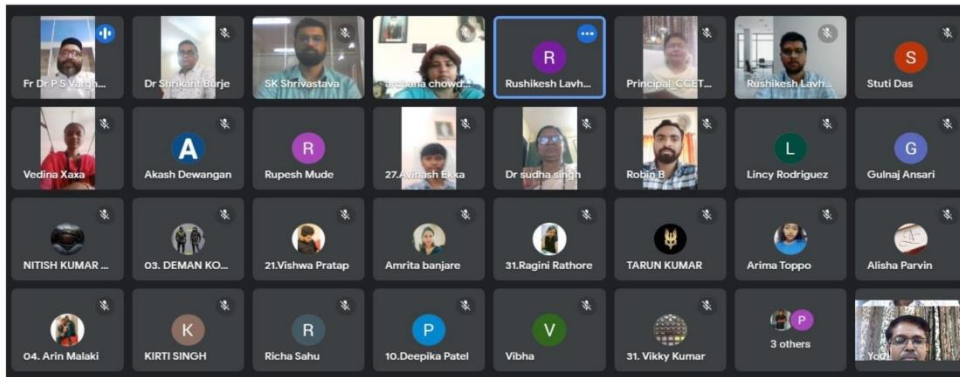
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SCREEN SHOT



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Mr. Rakesh Yadu	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREETI NANDKUMAR	FACULTY
5	Ms SHIKHA AGRAWAL	FACULTY
6	Mr. ASHISH DE WANGAN	FACULTY
7	Mr. PRASHANT BAWANEY	FACULTY
8	Mr. RADHESHYAMH GAJGHAT	FACULTY
9	Ms Richa Sahu	FACULTY
10	Ms Divyani	FACULTY
11	ANISHA KUMARI	CSE
12	DHEERAJ SONI	CSE
13	DIKSHA SONI	CSE
14	DURGA JYOTI YADAV	CSE
15	SHIVNATH GOTA	MECH
16	SHREY ANSH LAL	MECH
17	ASHWANI KUMAR PANDEY	EE
18	BHARTI JENA	EE
19	Dewanshu Ghatode	EE
20	HARBHAJAN BAGHEL	EE
21	Himanshu Sharma	EE
22	Nikita	EE
23	RAGINI RATHORE	EE
24	KOMAL PRASAD	ET & T
25	NIHAL SHARMA	ET & T
26	AVINASH EKKA	ET & T
27	AMIT KUMAR	ET & T
28	AMIT KUMAR YADAV	MTECH
29	NIDHI MINJ	MTECH
30	NIKITA TIGGA	MTECH
31	PRAVEEN KUMAR GAVEL	MTECH
32	SHIVA JI	MTECH
33	SANDHYA MINJ	MTECH
34	BHUPESH SONKAR	MTECH
35	Vivek Jatra	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Session on

ON

Story of an Entrepreneur

Resource Person –Shiju Raju

**CCET Alumnus and Managing director of ACE VISION METAL AND
STEELWORKS LLC, in Dubai**

Date :25 Nov 2022

Venue :CCET Bhilai,C.G.

Organized by R&D Cell, and Start up Cell, IIC ,CCET,Bhilai



R&D cell of CCET,Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



INSTITUTION'S INNOVATION COUNCIL
Ministry of IPR Initiatives

CCET

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

ACE VISION
GROW. STRATEGIZE. INNOVATE.

Mr. Shiju Plavila

Date & Time
25th November
@ 2.00 pm

**Institution's Innovation Council
In Association With R&D Cell
CCET presents A Session On**

Story Of An Entrepreneur

**Institution's Innovation Council
(Startup cell)**

Register Now

Faculty Coordinator:
Dr. Preeti Nand Kumar
Ms. Richa Sahu

Join Us 

Student Coordinator:
Mr. Ashish Saini (CSE)

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report of the workshop

CCET Alumnus shares his journey of becoming Entrepreneur

Institution' Innovation Council Under Startup Cell in association with R&D Cell of Christian College of Engineering and Technology (CCET) BHILAI, organized a talk on the "Story of an Entrepreneur". Young Entrepreneur Mr.Shiju .P,managing director of ACE VISION METAL AND STEEL WORKS LLC, in Dubai who is an alumnus of Mechanical Engineering Branch of CCET shared his journey of starting his own startup. Shiju.P.Raju is an accomplished and result driven engineering professional with more than 17 years of extensive experience in managing local and international construction projects within time and budgetary constraints. He is equipped with record of success on process improvement, combined and demonstrated abilities in defining innovative solutions and methodologies for safe, cost efficient and smooth project operations. He motivated the students with success mantra to always use your time. Maintain quality in dealing, in character and all the things which we perform. If we succeed every mistake it helps to become legendary. He emphasized to learn from our mistakes. He gave thrust to make goal clear in life and plan accordingly to achieve success.

CCET startup cell organised this expert talk with an objective to create awareness, to explore business opportunities to students of engineering courses by bringing together experts from industries, government agencies in order to provide ideas and information for becoming an entrepreneur as an alternative career option and also to highlight the merits of pursuing such an option. It will also explore the possible business opportunities and create all necessary awareness to start a new project on his own or with the help of government procedures. This cell primarily works to support, encourage, and to create platform to new and young entrepreneurs. Program started with the word of blessings from Fr. Dr. P.S.Varghese, Executive Vice Chairman. DrDipaliSoren, Principal welcomed the CCET alumnus. The program was anchored by MsDivyani. IIC Startup Cell Faculty Coordinators Dr. Preeti Nand Kumar and Ms.Richa Sahu along with student coordinator organised the session.

You tube link for today's event <https://youtu.be/8UV9xHV2aOo>

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Various Snapstake During the Events are as follows:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Shiju Raju	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Dr. PREETI NANDKUMAR	FACUL TY
5	Dr. SANDHYA PILLAI (nov)	FACUL TY
6	Mr. ASHISH DEWANGAN	FACUL TY
7	Mr. PRASHANT BAWANEY	FACUL TY
8	Mr. RADHESHYAMH GAJGHAT	FACUL TY
9	Ms Richa Sahu	FACUL TY
10	Ms Divyani	FACUL TY
11	DEVIKA THAKRE	CSE
12	GULNAJ ANSARI	CSE
13	VIBHA	CSE
14	VIJAY RELWANI	CSE
	VINAY MINJ	CSE
16	SAGAR YADAV	MECH
17	Alakh Niranjana	MECH
18	Poonam	MECH
19	G RAMU	MECH
20	HARSAD	MECH
21	HIMANSHU SAHU	MECH
22	MAYUR YADAV	MECH
23	RAJESH KUMAR SHRIVASTAVA	MECH
24	VAIBHAV LAKSHMI DUBEY	EE
25	VISHNU RAM	EE
26	VIVEK	EE
27	DEEPAK CHAUDHARY	EE
28	DUJENDRA KUMAR SAHU	EE
29	VEDINA XAXA	EE
30	ASHISH SONI	ET & T
31	HARSH TARONE	ET & T
32	AVINASH EKKA	ET & T
33	AMIT KUMAR	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report on

Importance of CAD/CAM/CAE in Industries

Expert Speaker: Dr Manoj A Kumbhalkar, Head & Associate Professor
Dept. of Mech. Engg., JSPM Narhe Technical Campus, Pune, Maharashtra

Date: 19/10/2022

Total participants: 24



Organized by: Mechanical Engineering Department, CCET,
in association with Institution Innovation Council (MHRD Initiative)

Brief Report about the program:

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The program started with the blessings of Executive Vice Chairman Rev. Fr. Dr. P S Varghese. After that, Dr. P S Rao, HOD Mechanical Engineering welcomed the participants and briefed about the emergence of growing power of computers gave rise to a new genre of software called CAD / CAE / CAM. Mr. Robin Babu Asst. Professor has given the introduction about the guest speaker of the lecture and handed over the session to him.

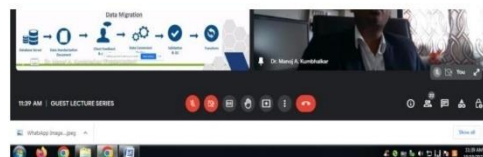
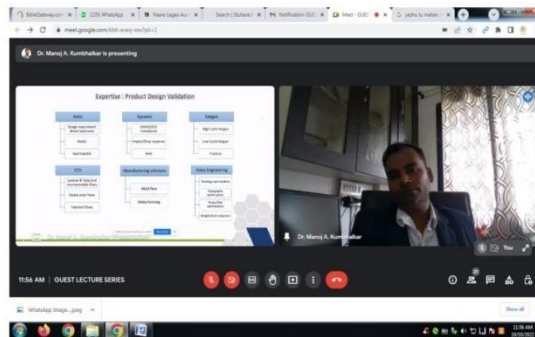
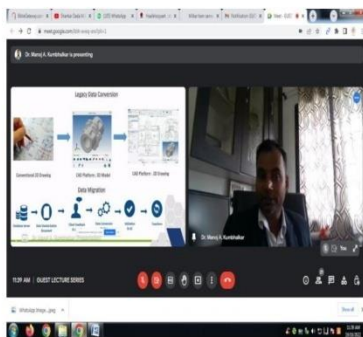
Dr. Kumbhalkar has given basic introduction of CAD/ CAM and its applications in industries and research sectors. He has also mentioned that the mechanical engineer having huge number opportunities if they can equip with CAD/CAM and CNC knowledge. He has concluded that CAD / CAE / CAM are the reduced design iteration process, and documentation that helps the future versions or even other, similar products.

Finally the meeting concluded with the vote of thanks given by Mr. Chandrashekhar Sahu, Coordinator of the guest lecture

Objective- To make students aware about the use of CAD/CAM in industry and research sector.

Benefit- Students came to know about CAD/CAE/CAM and their applications.

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Facebook link-

[https://m.facebook.com/story.php?story_fbid=pfbid033th1UhyFpKaupwqEakpcvqANRB4BLNjga5S
GeXNruNGEd813HBYyM8ooyXDcgQP8l&id=100047879977438&mibextid=Nif5oz](https://m.facebook.com/story.php?story_fbid=pfbid033th1UhyFpKaupwqEakpcvqANRB4BLNjga5SGeXNruNGEd813HBYyM8ooyXDcgQP8l&id=100047879977438&mibextid=Nif5oz)

List of Participants

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr Manoj A Kumbhar	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Mr. AMIT SARDA	FACULTY
5	Mr. ABID KHAN	FACULTY
6	Ms LINCY MENDONZA	FACULTY
7	Dr. DILLIP KUMAR DASH	FACULTY
8	Mr Praveen Chandrakar	FACULTY
9	Mr. PRAVEEN SINGH RATHORE	FACULTY
10	Dr. PREETI NANDKUMAR	FACULTY
11	Ms SHIKHA AGRAWAL	FACULTY
12	Anil Choudhary	M.TECH
13	Deepak Baghel	M.TECH
14	G Praveen Kumar	M.TECH
15	Nagraj	M.TECH
16	Sujit Kumar Singh	M.TECH
17	Suyash kumar sahu	M.TECH
18	Vinita Carhvaliya	M.TECH
19	A S.ATISH KUMAR	M.TECH
20	AA TIFA FATIMA	M.TECH
21	AKASH KUMAR YADAV	M.TECH
22	ASHISH SONI	ET & T
23	HARSH TARONE	ET & T
24	KOMAL PRASAD	ET & T
25	NIHAL SHARMA	ET & T
26	AVINASH EKKA	ET & T
27	AMIT KUMAR	ET & T
28	Satyam bharti	EE
29	DEEPAK KUMAR	EE
30	HARISH KUMAR	EE
31	KAMLESHWAR	EE
32	PREMKUMAR YADAV	EE
33	RAKESH KUMAR	EE
34	SAHIL SONI	EE
35	TRIBHUWAN	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report of Guest Lecture
Building Innovation Ecosystem in Educational Institution
Event Date: 25/08/2022

Resource Person: Dr. Manoj Varghese, Dean(Innovation & Incubation),

Rungta College of Engineering & Technology, Bhilai.



Organized by: Institutional Innovation Cell (IIC), CCET

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Objective: The objective of the session was to create awareness about innovations in educational institutes.

Brief report: The session held on August 25, 2022 on the topic of “Building an Innovation Ecosystem in Educational Institution” was focused on promoting innovations in educational institutes. As the educational institutes are responsible for molding the students thus they have a great responsibility. Innovation refers to creating something new. Innovation can be a new way of thinking also. Innovation may lead to an increase in GDP so the government is giving stress to startups. To promote innovation, the institute can invite entrepreneurs to share their ideas among students. The institutes should incorporate the design thinking process to train students to think out of the box. Government gave the National Innovation and Startup Policy in 2019 to provide a guideline for innovation. There are governance and strategies by which funds for startups can be generated. If an institute’s infrastructure is used for a startup then the institute can take equity. Faculties from multidiscipline can come together to support and engage in startups. Innovation ecosystem is the need of the time and we need to adopt it.

Outcome: The staff and students came to know about various initiatives of the Ministry of Education, Govt. of India, to promote innovation and startup.

Photos:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



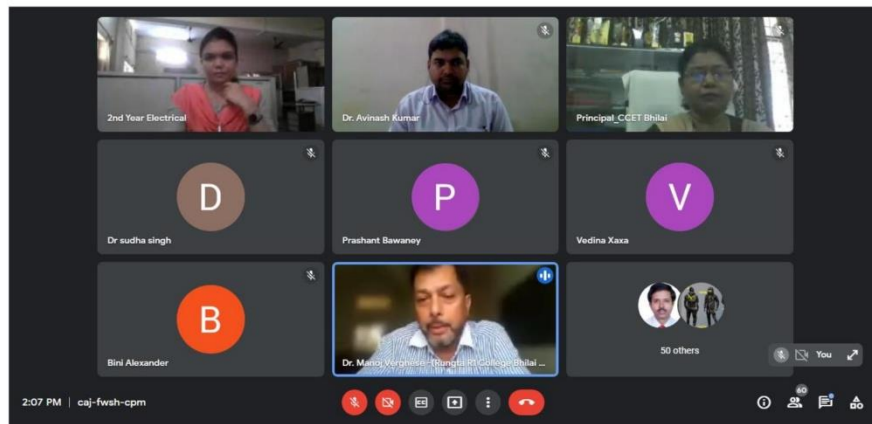
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

LIST OF PARTICIPANTS

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Manoj Varghese	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Ms Richa Sahu	FACULTY
5	Mr. ABID KHAN	FACULTY
6	Ms LINCY MENDONZA	FACULTY
7	Dr. DILLIP KUMAR DASH	FACULTY
8	Mr Praveen Chandrakar	FACULTY
9	Mr. PRAVEEN SINGH RATHORE	FACULTY
10	Dr. PREETI NANDKUMAR	FACULTY
11	Ms SHIKHA AGRAWAL	FACULTY
12	Mr. ASHISH DEWANGAN	FACULTY
13	Mr. PRASHANT BAWANEY	FACULTY
14	Mr. RADHESHYAMH GAJGHAT	FACULTY
15	OMKAR MISHRA	CSE
16	TANNU MAJUMDAR	CSE
17	VISHAL YADAV	CSE
18	A RAHUL	CSE
19	ABHINAV GARDIA	CSE
20	ALISHA PARVIN	CSE
21	APRATA SONA	CSE
22	ARIN MAL AKI	CSE
23	DEEPIKA PATEL	CSE
24	DEMAN LAL KOTHARI	CSE
25	DINESH KUMAR YADAV	MECH
26	Poonam	MECH
27	Prashant Yadav	MECH
28	SHREY ANSH EKKA	MECH
29	SNEHA MOTWANI	MECH
30	SHIVAM	MECH
31	ASHISH PRASAD	MECH
32	KRISHNAKANT SAHU	EE
33	LEO KOSHY VARGHESE	EE
34	MITHLESH	EE
35	PAWAN KUMAR	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

A Report On

Introduction to Energy Conservation and its Industrial Case Studies

Expert Speaker: Dr. Bade Mukund H, Asst. Professor, SVNIT, Surat, Gujarat.

Total participants: 52

Date: 27/09/2022



**Organized by: Mechanical Engineering Department, CCET,
in association with Institution Innovation Council (MHRD Initiative)**

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Brief Summary of the lecture:

Dr. Bade Mukund has given basic introduction of energy conservation and its applications which are playing a vital role in various sectors such as industrial/commercial and residential applications. Sir has mentioned that it is the heart of all energy-efficiency programs. Regardless of the type of industry, commercial space or building, the art and philosophy of energy-saving techniques are common and transferable. Sir has dealt with a few common, innovative and profitable case studies of energy-saving ideas for utilities and typical specialized equipment for the practicing energy engineers, as executed in India.

Objective- To make students aware about research in energy conservation techniques.

Benefit- Students became aware about the innovative and profitable energy saving techniques.

Facebook link-

<https://www.facebook.com/100047879977438/posts/pfbid02Q8V3wcbiQF5UmLmGVE3WTiz1NPFAXnfnEWVspCdkAdRGCppYN3aX26mG7XRJKSMsl/?mibextid=Nif5oz>

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Dr. Bade Mikund H	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Ms Richa Sahu	FACUL TY
5	Mr. ABID KHAN	FACUL TY
6	Ms LINCY MENDONZA	FACUL TY
7	Dr. DILLIP KUMAR DASH	FACUL TY
8	Mr Praveen Chandrakar	FACUL TY
9	Mr. PRAVEEN SINGH RATHORE	FACUL TY
10	Dr. PREETI NANDKUMAR	FACUL TY
11	Ms SHIKHA AGRAWAL	FACUL TY
12	Mr. ASHISH DEWANGAN	FACUL TY
13	Mr. PRASHANT BAWANEY	FACUL TY
14	Mr. RADHESHY AMH GAJGHAT	FACUL TY
15	ASHISH SONI	ET & T
16	HARSH TARONE	ET & T
17	KOMAL PRASAD	ET & T
18	NIHAL SHARMA	ET & T
19	AVINASH EKKA	ET & T
20	KRISHNAKANT SAHU	EE
21	LEO KOSHY VARGHESE	EE
22	MITHLESH	EE
23	PAWAN KUMAR VISHWAKARMA	EE
24	RAJKUMAR	EE
25	ROVINS XESS	EE
26	SHIVENDRA PANIGRAHI	EE
27	SUGAMBAKSHI	EE
28	VEDINA XAXA	EE
29	OMKAR MISHRA	CSE
30	TANNU MAJUMDAR	CSE
31	VISHAL YADAV	CSE
32	A RAHUL	CSE
33	ABHINAV GARDIA	CSE
34	ALISHA PARVIN	CSE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

A Report on Session

on “ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY”

Speaker: Dr. Achala Jain

23rd November 2022.



Organized by Institution Innovation Council

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

“Innovation is taking two things that exist and putting them together in a new way and INSTITUTION INNOVATION COUNCIL provides this way.

Institution’s Innovation Council in association with Electrical and Electronics Department has organized a session on **“ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY”** on **23rd November 2022**.

Dr. Achala Jain Associate Professor Electrical and electronics department ShriShankaracharya Technical Campus Bhilai was the speaker of the session. She has received **LILAVATI AWARD**, in Self Defense Category, in AICTE headquarters, New Delhi and also **President Award for Best NSS Unit** in India for the exclusive work.

Dr. Achala Jain quoted the points on the 3 I’s of entrepreneurship which are Innovation, Idea and Inventions. She also gave the meaning of how one should be empathize with the persons in the surrounding and how it helps in the invention. She explained everything with real time examples of how empathizing with someone gives many reasons to create and invent.

She extended the session with explanations on Design Thinking for Idea, Prototype and Validation and highlighted on the points utilized as preliminary tools like Growth Mindset, Wicked problems and Convergent and Divergent Thinking.

The program was organized by the members Mr. Prashant Bawaney, Mr. Akash Dewangan, Mr. Abid Khan and Mr. Chandrashekhar Sahu.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



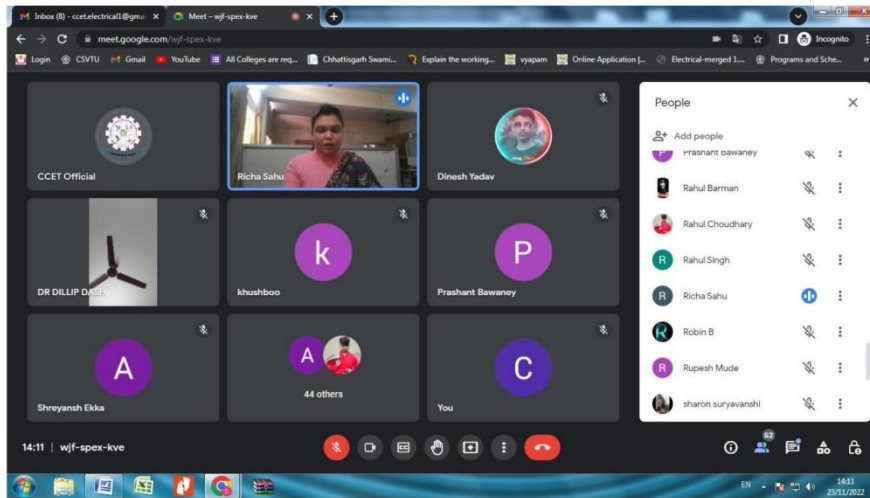
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



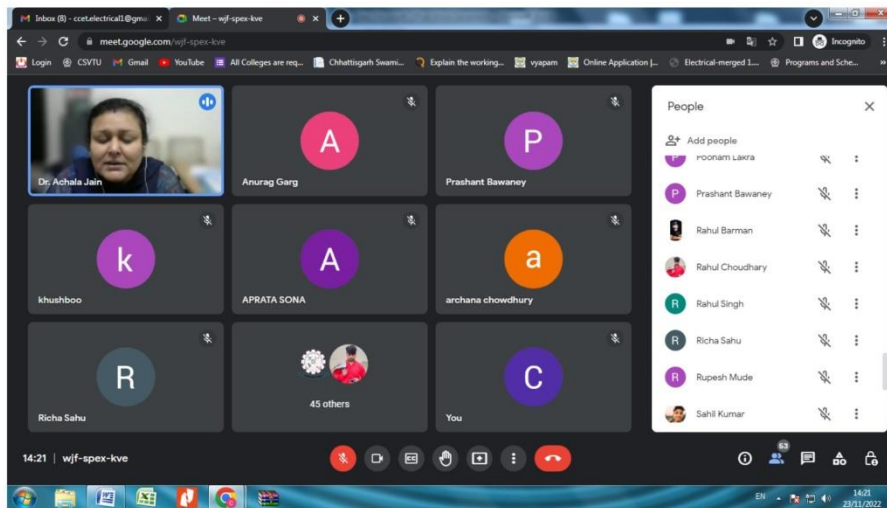
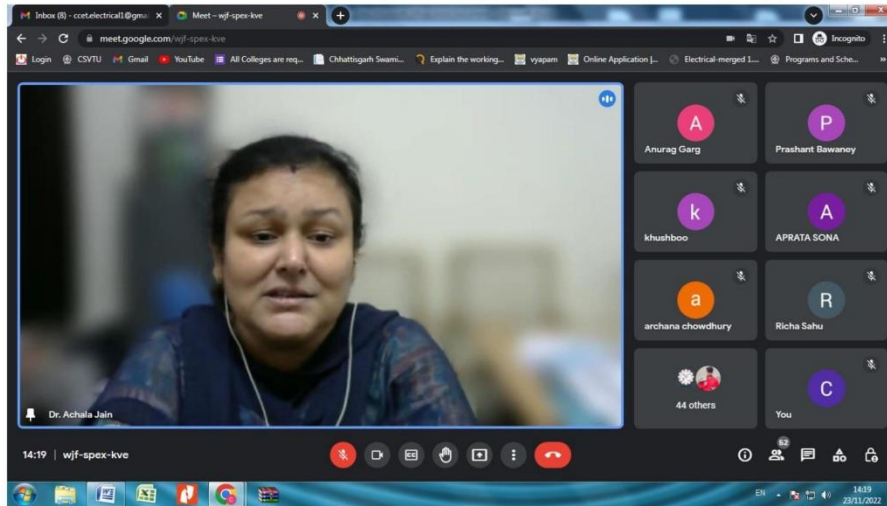
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



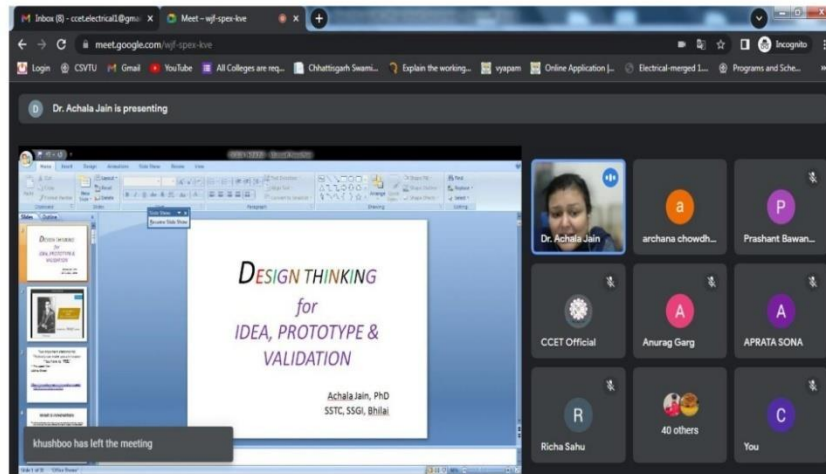
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Youtube link- <https://youtu.be/Bua93bQejaA>

Facebook link-

https://m.facebook.com/story.php?story_fbid=pfbid038gRiEyJi686JwBM2Aek4P2rDYDomHK4pts94G1KPhCxRdBb4sQMWAGTZMfPubjSl&id=100047879977438&mibextid=Nif5oz

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Achala Jain	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Mr. ABID KHAN	FACULTY
5	Ms LINCY MENDONZA	FACULTY
6	Chandrashekar Sahu	FACULTY
7	Mr Praveen Chandrakar	FACULTY
8	Dr. PREETI NANDKUMAR	FACULTY
9	Mr. ASHISH DEWANGAN	FACULTY
10	Mr. PRASHANT BAWANEY	FACULTY
11	RAHUL KUMAR	CSE
12	RICHA JHA	CSE
13	RISHABH DIXIT	CSE
14	RISHABH KUMAR SINGH	CSE
15	SHIVAM KUMAR	CSE
16	SOMESH KUMAR DHRUW	CSE
17	SOMYA C KURIAN	CSE
18	SUNNY SAMSON	CSE
19	VIENDRA BAHADUR PRASAD	CSE
20	ATUL HIRWANI	MECH
21	BHUPENDRA KUMAR SEN	MECH
22	Dheeraj kumar sori	MECH
23	DINESH KUMAR YADAV	MECH
24	Poonam	MECH
25	Prashant Yadav	MECH
26	SHREYANSH EKKA	MECH
27	SNEHA MOTWANI	MECH
28	SHIVAM	MECH
29	ASHISH PRASAD	MECH
30	BABLU KUMAR	MECH
31	LEO KOSHY VARGHESE	EE
32	MITHLESH	EE
33	PAWAN KUMAR	EE
33	VISHWAKARMA	EE
34	RAJKUMAR	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

REPORT ON

Guest

lecture

ON

Entrepreneurship Skill Development among students.

Date : 03/03/2022

Speaker : Dr. Ritesh Dash



**Organized by Institution Innovation Council (MHRD Initiative), CCET,
Bhilai**

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

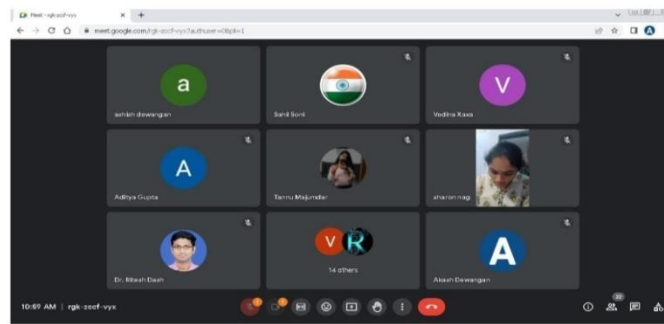
Brief Report about the program:

The program started with the welcome address by Ms. Richa Sahu, Faculty of Electrical Engineering. He has welcomed the participants and briefed about the significance and current & Future Scope of Information Technology. Ms. Richa Sahu Asst. Professor has given the introduction about the guest speaker of the lecture and handed over the session to him.

Dr. Ritesh Dash has discussed about the Startup & the challenges faced by young entrepreneurs. He also explained the Boom in Startups & encouraged our students.

Finally the meeting concluded with the vote of thanks given by Ms. Richa sahu, of Electrical Engineering.

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



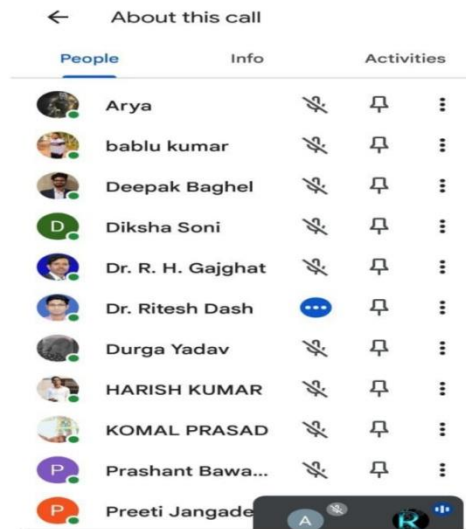
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed by St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	DR. Ritesh Dash	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Dr. PREETI NANDKUMAR	FACUL TY
5	Ms SHIKHA AGRAWAL	FACUL TY
6	Mr. ASHISH DEWANGAN	FACUL TY
7	Mr. PRASHANT BAWANEY	FACUL TY
8	Mr. RADHESHYAMH GAJGHAT	FACUL TY
9	Ms Richa Sahu	FACUL TY
10	Ms Divyani	FACUL TY
11	ANISHA KUMARI	CSE
12	DHEERAJ SONI	CSE
13	DIKSHA SONI	CSE
14	DURGA JYOTI YADAV	CSE
15	SHIVNATH GOTA	MECH
16	SHREY ANSH LAL	MECH
17	ASHWANI KUMAR PANDEY	EE
18	BHARTI JENA	EE
19	Dewanshu Ghatode	EE
20	HARBHAJAN BAGHEL	EE
21	Himanshu Sharma	EE
22	Nikita	EE
23	RAGINI RATHORE	EE
24	KOMAL PRASAD	ET & T
25	NIHAL SHARMA	ET & T
26	AVINASH EKKA	ET & T
27	AMIT KUMAR	ET & T
28	AMIT KUMAR YADAV	M TECH
29	NIDHI MINJ	M TECH
30	NIKITA TIGGA	M TECH
31	PRAVEEN KUMAR GAVEL	M TECH
32	SHIVA JI	M TECH
33	SANDHYA MINJ	M TECH
34	BHUPESH SONKAR	M TECH
35	Vivek Jatra	M TECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

CCET'S BUDDING ENTREPRENEUR Mr.Vijay Relwani

Date : 14 October 2022

Objective: To motivate students to take up entrepreneurship.

Institution's Innovation Council of Christian College of Engineering Technology, Bhilai in association with the Computer Science & Engineering Department, conducted a session with a rising entrepreneur Mr.Vijay Relwani. Honourable Executive vice chairman Father Dr.P.S Varghese and Principal Dr.Dipali soren also spoke about the importance of innovation and entrepreneurship in current scenario. Dr Archana Chowdhury, Head of the Department of Computer Science & Engineering Department stated about the Government of India, Ministry of Education's, Innovation cell's initiative to build a culture of innovation across all education institutes. In this event CCET's final year student Mr.Vijay Relwani motivated everyone with his inspirational story. He started from zero but now he is the owner of Relwani automobiles. During Covid his family's economic condition became worse so he started working in an E rickshaw manufacturing company. The owner was very surprised to see that he had repaired the controller of E-rickshaw. From there he got an idea of creating a bike. He has participated in the well-known show Shark Tank season I and has got standing ovation from the judges for his idea. He started creating a bike prototype but he had to face many difficulties due to financial problems, but he faced it with intelligence like he asked one sculptor to make the body of the bike and also he used many parts from scrap shop. He had also participated in Smart India Hackathon organized at GITAM University and was among the top 100 finalist. He has started incubation at Raipur which is approved by Government of India startup scheme. He also gave guidance on how to participate in shark tank and also invited students to be a part of his new initiative.

Benefit: Students came to know how to apply for registration of a new company and also about the various schemes of government for startups.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



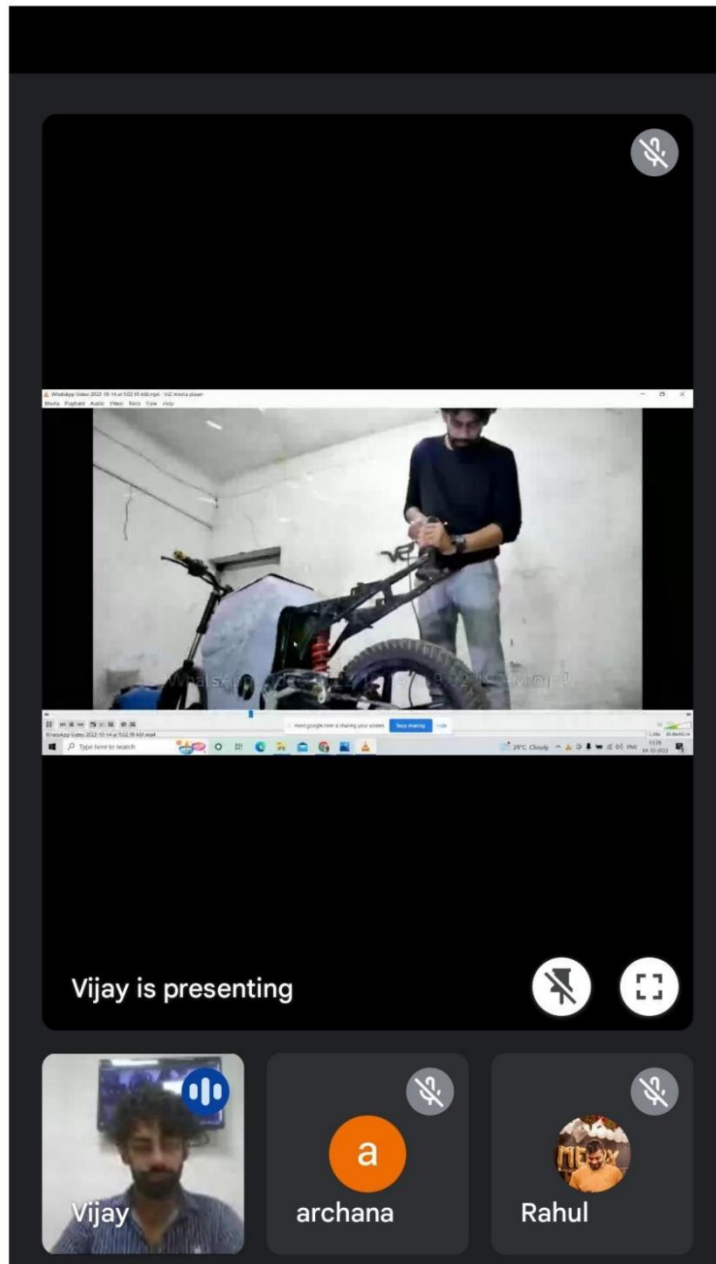
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



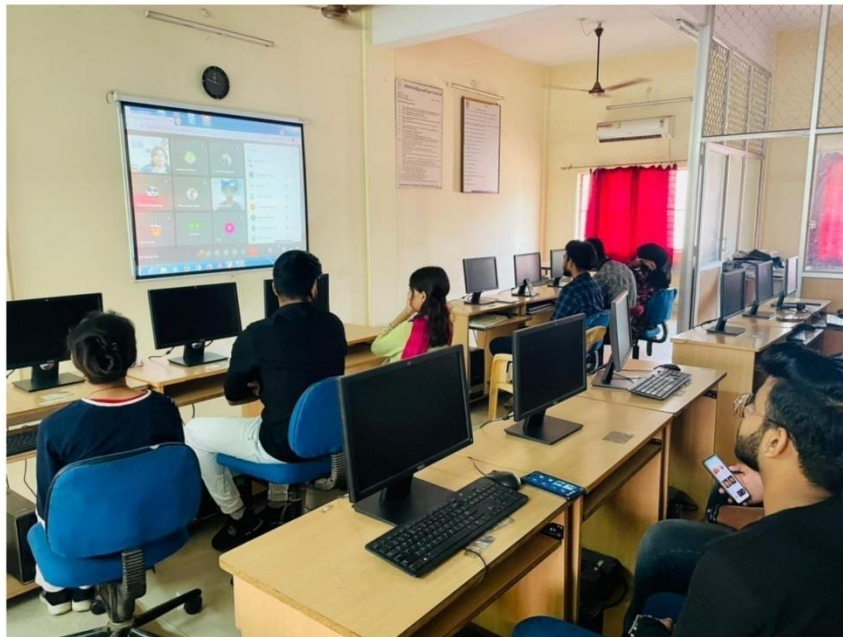
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Facebook link-

https://m.facebook.com/story.php?story_fbid=pfbid0DMau1AuThpN9jMh5jsj17fJzaUyygekV8J6jbaqgVmtuta1UsQW3UYvWTDoxiwPQI&id=100047879977438&mibextid=Nif5oz

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Mr. Vijay Relwani	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Mr. AMIT SARDA	FACUL TY
5	Mr. ABID KHAN	FACUL TY
6	Ms LINCY MENDONZA	FACUL TY
7	Dr. DILLIP KUMAR DASH	FACUL TY
8	Mr Praveen Chandrakar	FACUL TY
9	Mr. PRAVEEN SINGH RATHORE	FACUL TY
10	Dr. PREETI NANDKUMAR	FACUL TY
11	Ms SHIKHA AGRAWAL	FACUL TY
12	Atul Choudhary	MTECH
13	Deepak Baghel	MTECH
14	G Praveen Kumar	MTECH
15	Nagraj	MTECH
16	Sujit Kumar Singh	MTECH
17	Suyash kumar sahu	MTECH
18	Vinita Garhvaliya	MTECH
19	A SATISH KUMAR	MTECH
20	AATIFA FATIMA	MTECH
21	AKASH KUMAR YADAV	MTECH
22	ASHISH SONI	ET & T
23	HARSH TARONE	ET & T
24	KOMAL PRASAD	ET & T
25	NIHAL SHARMA	ET & T
26	AVINASH EKKA	ET & T
27	AMIT KUMAR	ET & T
28	Satyam bharti	EE
29	DEEPAK KUMAR	EE
30	HARISH KUMAR	EE
31	KAMLESHWAR	EE
32	PREMKUMAR YADAV	EE
33	RAKESH KUMAR	EE
34	SAHIL SONI	EE
35	TRIBHUWAN	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**APPLICATION OF RESEARCH METHODOLOGY IN
DIFFERENT AREAS**

Resource Person: Dr. Raunak Kumar Tamrakar

Assistant Professor, Bhilai Institute of Technology, Durg

Date: 27 July 2022

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The poster features the CCET logo at the top left. The main text reads: 'CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI', 'EXPERT LECTURE ON APPLICATION OF RESEARCH METHODOLOGY IN DIFFERENT AREAS', 'RESOURCE PERSON - Dr. RAUNAK KUMAR TAMRAKAR, Bhilai Institute of Technology, Durg', and '27th July 2022'. It includes two images: 'RESEARCH METHODS' with various icons and a magnifying glass over a document. At the bottom, it states 'ORGANIZED BY RESEARCH & DEVELOPMENT CELL, CCET BHILAI' and 'Program Coordinator – Dr. Sandhya Pillai'.

Date: 27/07/2022

Brief summary of the program:

Research and Development(R & D), Cell of CCET, Bhilai organized guest lecture on “Application of Research Methodology in Different Areas”on 27th July 2022. Dr.Raunak Kumar Tamrakar, Assitant Professor of department of Physics at Bhilai Institute of Technology, Durg was the resource person. The lecture was attended by more than 40 students.

The program started with welcome address by Dr. Dipali Soren, Principal CCET. She explained the application of research methodology in conducting research and also mentioned their implication in research.

The objective behind organizing the lecture was to enlighten the students about the theoretical and practical aspects of doing research. Dr. Tamrakar started his lecture with the meaning of research. Then, he talked about some basic concepts of research

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

methodology, which are essential to know in order to have quality research. He also discussed about Qualitative and Quantitative Paradigms, types of literature reviews and various research types.

Then, he differentiated between Research Methodology and Research Methods. In fact, the speaker attached immense respect to the idea of research and explained how a good research facilitates in the development of the society. The speaker further highlighted as to the attributes and duties of a critical scholar and how the same would affect the quality of research. Some of such attributes includes being scientifically faithful with the research, objectivity, potential to edit the document and ensuring proper acknowledgement of the sources from which relevant ideas have been taken for carrying out the research. The speaker was emphasized the application of Research

Methodology in different areas.

The speaker explained all the aspects with the help of illustrations and examples that provided a clearer understanding to the students with regard to the various concepts that were discussed. The entire lecture was very interactive and informative for participants. In the end, Dr. Sandhya Pillai, Coordinator of R & D Cell, presented the vote of thanks and gratefully acknowledged to all the dignitaries and participants for their consistent support and motivation in organizing academic activities.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Photos taken During the Events:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

List of Participants

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	DR. Raunak Kr. Tamrakar	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREE TI NANDKUMAR	FACULTY
5	M ^s SHIKHA AGRAWAL	FACULTY
6	M ^r . ASHISH DEWANGAN	FACULTY
7	M ^r . PRASHANT BAWANEY	FACULTY
8	M ^r . RADHESHYAM H GAJGHAT	FACULTY
9	M ^s Richa Sahu	FACULTY
10	M ^s Divyani	FACULTY
11	ANISHA KUMARI	CSE
12	DHEERAJ SONI	CSE
13	DIKSHA SONI	CSE
14	DURGA JYOTI YADAV	CSE
15	SHIVNATH GOTA	MECH
16	SHREY ANSH LAL	MECH
17	ASHWANI KUMAR PANDEY	EE
18	BHARTI JENA	EE
19	Dewanshu Ghatoke	EE
20	HARBHAJAN BAGHEL	EE
21	Himanshu Sharma	EE
22	Nikita	EE
23	RAGINI RATHORE	EE
24	KOMAL PRASAD	ET & T
25	NIHAL SHARMA	ET & T
26	AVINASH EKKA	ET & T
27	AMIT KUMAR	ET & T
28	AMIT KUMAR YADAV	MTECH
29	NIDHI MINJ	MTECH
30	NIKITA TIGGA	MTECH
31	PRAVEEN KUMAR GAVEL	MTECH
32	SHIVA JI	MTECH
33	SANDHYA MINJ	MTECH
34	BHUPESH SONKAR	MTECH
35	Vivek Jatra	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

Different Aspects of Research Methodology

Resource Person: Dr. C. Ramesh Kumar

Professor, Rungta College of Engineering and Technology, Bhilai

Date: 10 March 2023

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The poster features the CCET logo at the top left. The main text reads: 'CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI', 'INVITED TALK ON DIFFERENT ASPECTS OF RESEARCH METHODOLOGY', 'RESOURCE PERSON - Dr. C. Ramesh Kumar, Professor, Department of Mathematics, Rungta College of Engineering & Technology, Bhilai', and '10th March 2023'. There are two small images: one showing people in a meeting and another showing a magnifying glass over a document. At the bottom, it says 'ORGANIZED BY RESEARCH & DEVELOPMENT CELL, CCET BHILAI' and 'Program Coordinator - Dr. Preeti Nandkumar & Dr. Anju Singh'.

Date: 10/03/2023

Brief summary of the program:

The Invited talk on different aspect of Research Methodology was organized on 10 March 2023 for all the students pursuing undergraduate, postgraduate, PhD and faculty members of all departments. The resource person was Dr. C. Ramesh Kumar, Professor in the department of Mathematics, Rungta College of Engineering and Technology, Bhilai. The objective behind organizing the talk was to enlighten the all the participants about the different aspects of research methodology.

The program started with welcome address by Dr. Dipali Soren, Principal CCET. She explained the various aspect of research methodology in different areas and also mentioned the significance research.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

He discussed the aims of conducting research, what research is and is not, the difference between methods and methodology. Research methods may be understood as all techniques used by the researchers during the course of studying the research problem. Research methodology involves various steps generally adopted by a researcher in studying the research problem along with the logic behind them. He also covered the deductive and inductive approaches adopted in research. In Deductive reasoning thinking proceeds from general assumptions to specific applications, while Inductive reasoning is concluding about events (general) based on information generated through many individual and direct observations (specific).

The resource person also spoke about the components of a theory in research i.e. What, How and Why and the importance of boundary conditions i.e. Who, Where and When. Then he went on to speak about the process involved in research in greater detail

The resource person stressed on the importance of review of literature i.e. why it is important, why a researcher should not stop and continue reviewing the existing literature till the time of data collection. He also gave his insights on how to review the existing literature in a particular area of research, how to identify the research problem and research gap, How to formulate hypotheses, the errors involved in accepting and rejecting hypotheses i.e. Type I and Type II errors etc.

Sir briefed the students about research methodology topic which is very much important for the students of M.Tech as they are required to carry out research and submit their projects as it is one of the subject of the course. Sir covered all the related and important topics starting with introduction about Research, types of research and process. The Research process comprises of the following steps: • Defining problem • Review of literature • Formulation of Hypothesis • Sample designing • Collection of data • Statistical analysis • Interpretation of the Report

The lecture also touched upon another critical aspect with respect to the qualifications or traits to be present in a research scholar. He mentioned that a research scholar must have the taste for the subject matter, patience, intellectual honesty, objectivity and

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

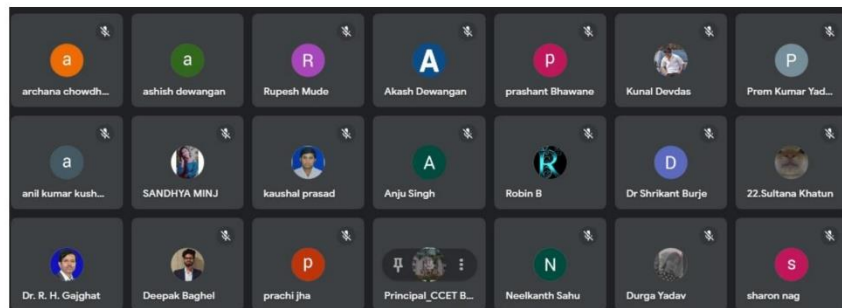
Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

should not suffer from chronic inaccuracy.

The participants were extremely overwhelmed by the lecture delivered by Dr. C. Ramesh Kumar as it would be very effective for their career and future work on research. The participants would also like to extend their gratitude to Dr. Preeti Nandkumar and Dr. Anju Singh, Co-ordinator and Co-coordinator of R&D cell for taking the initiative for organizing the guest lecture for students and faculties of all departments.

The Photos taken During the Events:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed by St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. C. Ramesh	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Mr. AMIT SARDA	FACULTY
5	Mr. ABID KHAN	FACULTY
6	Ms LINCY MENDONZA	FACULTY
7	Dr. DILLIP KUMAR DASH	FACULTY
8	Mr. RADHESHYAM H GAJGHAT	FACULTY
9	Ms Richa Sahu	FACULTY
10	Ms Divyani	FACULTY
11	Dr. SANDHYA PILLAI (nov)	FACULTY
12	Amrita BANJARE	FACULTY
13	Dr Anju Singh	FACULTY
14	GULNAJ ANSARI	CSE
15	JEEVAN BARA	CSE
16	POONAM LAKRA	CSE
17	RAHUL ANISH PRASAD	CSE
18	ROSHAN KUMAR SAHU	CSE
19	SHILANATH PRATAP SINGH	CSE
20	SHIVAM PANDEY	CSE
21	TIKESHWARI	CSE
22	VAISHALI	CSE
23	VANADA YADAV	CSE
24	VIBHA	CSE
25	VIJAY RELWANI	CSE
26	VINAY MINJ	CSE
27	SAGAR YADAV	MECH
28	Alakh Niranjn	MECH
29	Aman Uikey	MECH
30	Amit sahu	MECH
31	ankush kumar	MECH
32	HARBHAJAN BAGHEL	EE
33	Himanshu Sharma	EE
34	Nikita	EE
35	RAGINI RATHORE	EE
36	Shiwani sonwani	EE
37	SAHIL SONI	EE
38	TRIBHUWAN	EE
39	VAIBHAV LAKSHMI DUBEY	EE
40	VISHNU RAM	EE
41	LEO KOSHY VARGHESE	EE
42	MITHLESH	EE
43	PAWAN KUMAR	EE
44	VISHWAKARMA	EE
45	RAJKUMAR	EE
46	ROVINS XESS	EE
47	SHIVENDRA PANIGRAHI	EE
48	SUGAM BAKSHI	EE
49	VEDINA XAXA	EE
50	ASHISH SONI	ET & T
51	HARSH TARONE	ET & T
52	KOMAL PRASAD	ET & T
53	NIHAL SHARMA	ET & T
54	AVINASH EKKA	ET & T
54	AMIT KUMAR	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

WORKSHOP

ON

RESEARCH METHODOLOGY

Resource Person – Dr Pratibha Kurup

Bharti University, Durg

Date :20 April 2023

Venue :CCET Bhilai,C.G.

Organized by R&D Cell,CCET,Bhilai



R&D cell of CCET,Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date:20 April 2023

Summary of the workshop

Workshop on research methodology was conducted on ResearchMethodology on 20th April 2023. Expert lecture was delivered by Dr Pratibha Kurup, Faculty Chemistry, BhartiUniversity, Durg. She is an experienced research scholar and Academician. The workshop was organized by the R&D cell of CCET, Bhilai. It was attended by faculty members and research scholars from various departments.

The program started with the blessings of Executive Vice Chairman Fr.Dr.P.S.Varghese. He highlighted the significance of research methodology to address the research questions. Principal Dr Dipali Soren in her welcome address briefed the understanding of research methodology and its various components, such as research design, data collection, data analysis, and interpretation of results

The speaker began the session by explaining the meaning and significance of research in academia. The importance of the research was discussed with the importance of selecting an appropriate researchdesign, based on the research question, objective and methodology. Her emphasized that research is not just about collecting data but it should involve a systematic approach to investigate a problem, find solutions and contribute to knowledge.

She discussed the different types of research methodologies such as qualitative, quantitative methods, Key features of each method and types of data that can be collected through each methods was explained. The emphasis of Literature survey, reading of reference papers, finding data from the scholars was very well discussed. The importance of data analysis in research and the various methods were elaborated. The speaker discussed the role of plagiarism, ethical guidelines and standards for conducting research

The anchor for the program was Mrs.Lincy Mendonza. Program coordination for the workshop was R&D coordinators Dr Preeti Nand Kumar. Overall the lecture was an excellent platform for participants to learn from an experienced researcher and it was a valuable addition for our academic community.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



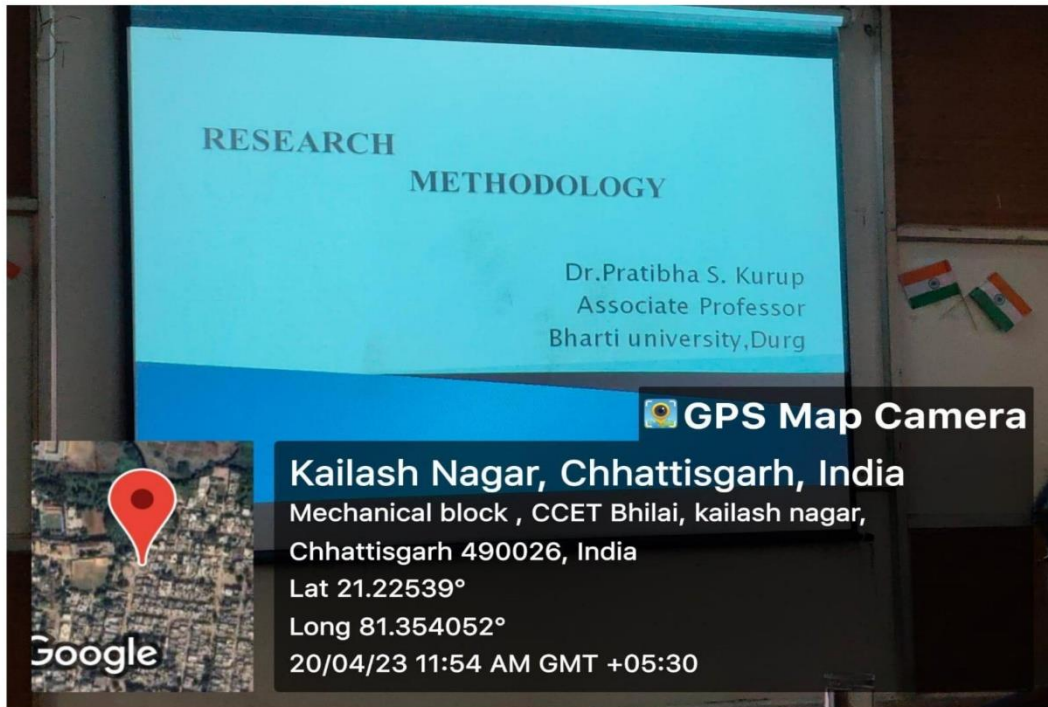
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

List of Faculties who attended the workshop

S.N	Name	Department	Post	SIGN
1	DR P S VARGHESE		EXECUTIVE VICE CHAIRMAN	<i>[Signature]</i>
2	DR. DIPALI SOREN	ETC	PROFESSOR & PRINCIPAL	<i>[Signature]</i>
3	Dr Shrikant Burje		ASSOCIATE PROFESSOR	<i>[Signature]</i>
4	MR. ABID KHAN	ETC	ASST. PROFESSOR	In CLASS <i>[Signature]</i>
5	Dr SHAILENDRA VERMA	ELECTRICAL	ASSOCIATE PROFESSOR	<i>[Signature]</i>
6	MR. PRASHANT BAWANEY	ELECTRICAL	ASST. PROFESSOR	<i>[Signature]</i>
7	MR. ASHISH DEWANGAN	ELECTRICAL	ASST. PROFESSOR	<i>[Signature]</i>
8	MS. RICHA SAHU	ELECTRICAL	ASST. PROFESSOR	<i>[Signature]</i>
9	MR AKASH DEWANGAN	ELECTRICAL	ASST. PROFESSOR	<i>[Signature]</i>
10	DR. DILIP KUMAR DASH	SCIENCE AND HUMANITIES	PROFESSOR	<i>[Signature]</i>
11	DR. PREETI NANDKUMAR	SCIENCE AND HUMANITIES	ASSOCIATE PROFESSOR	<i>[Signature]</i>
12	DR MRS ANJU SINGH	SCIENCE AND HUMANITIES	ASSISTANT PROFESSOR	<i>[Signature]</i>
13	MRS. ARCHANA CHOUHDHARY	CSE	PROFESSOR & HOD	<i>[Signature]</i>
14	MRS. SHIKHA AGRAWAL	CSE	ASST. PROFESSOR	ON LEAVE
15	MRS. LIMCY MENDONZA	CSE	ASST. PROFESSOR	<i>[Signature]</i>
16	MRS ASMITA BANJARE	CSE	ASST. PROFESSOR	<i>[Signature]</i>
17	MS DIVYANI	CSE	ASST. PROFESSOR	<i>[Signature]</i>
18	MR RUPESH MUDE	CSE	ASST. PROFESSOR	<i>[Signature]</i>
19	DR. PULVARTI SRINIVASA Rao	MECH	PROFESSOR	<i>[Signature]</i>
20	DR. RADHESHYAM H	MECH	PROFESSOR & HOD	<i>[Signature]</i>
21	MR. ARIF SARDA	MECH	ASSOCIATE PROFESSOR	<i>[Signature]</i>
22	MR. PRAVEEN CHAUDHAKAR	MECH	ASSISTANT PROFESSOR	<i>[Signature]</i>
23	MR CHANDRA SHEKHAR SAHU	MECH	ASSISTANT PROFESSOR	<i>[Signature]</i>
24	MR ROBIN BABU	MECH	ASSISTANT PROFESSOR	<i>[Signature]</i>
25	MR SUMIT KUMAR SHRIVASTAVA	MECH	ASSISTANT PROFESSOR	<i>[Signature]</i>
26	DR. SUDHA SINGH	LIBRARY	Librarian	<i>[Signature]</i>
27	MRS. BINDU KOSHY	LIBRARY	Library Attendant	On leave
28	MRS SANGEETA PATKAR	ADMIN	Assistant Librarian	
29	MR A D VINCENT	ADMIN	Administrative Officer	On leave
30	MR. R. BOBBY	ADMIN	Jr. Demonstrator	
31	MRS. A. MANJULA	ADMIN	Administrative Executive	<i>[Signature]</i>
32	MS. BINI ALEXANDER	ADMIN	Accounts Executive	<i>[Signature]</i>
33	MRS SHINY BLESSON	ADMIN	Receptionist	<i>[Signature]</i>
34	MR. GHANSHYAM SHARMA	EXAM SEC	JR TECHNICAL ASST	<i>[Signature]</i>
35	MRS MINIMOL V.	SCIENCE AND HUMANITIES	JR TECHNICAL ASST	On leave



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

IMPORTANCE OF RESEARCH METHODOLOGY

Resource Person: Dr. Raunak Kumar Tamrakar

Assistant Professor, Bhilai Institute of Technology, Durg

Date: 22 June 2023

Venue : CCET, Bhilai (C.G)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



The poster is for an invited talk on research methodology. It features the college's logo at the top center. The text is centered and includes the title of the talk, the name of the resource person, his affiliation, and the date. There are two illustrations: one on the left showing people around a presentation board, and one on the right showing a globe with gears and the text 'Research Methodology'. At the bottom, it states the organizing cell and coordinators.

CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

**INVITED TALK ON
IMPORTANCE OF RESEARCH METHODOLOGY**

Resource Person: Dr. Raunak Kumar Tamrakar
Bhilai Institute of Technology, Durg
(C.G)
22nd June 2023

ORGANISED BY R&D CELL
Program Coordinators: Dr. Preeti Nandkumar & Dr. Anju Singh

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date: 22/06/2023

Brief summary of the program:

The Invited talk on Importance of Research Methodology was organized for all the students pursuing undergraduate, postgraduate, PhD and faculty members of all departments. The objective behind organizing the talk was to enlighten the all the participants about the theoretical and practical aspects of doing research.

The program started with Welcome address by Dr. Dipali Soren, Principal CCET. She explained the importance of research methodology in conducting research and also mentioned the significance research.

The lecture was scheduled for one hour and was presided over by Dr. Raunak kumar Tamrakar who is currently serving as the Assistant professor of Department of Physics, Bhilai Institute of Technology, Durg. Speaking on the occasion, Dr. Raunak kumar Tamrakar started the session on a very critical note by stating that ***Research must be construed as an action and it is translation of knowledge into action.***

The speaker attached immense respect to the idea of research and explained how a good research facilitates in the development of the society. He also emphasized on the fact that a good research should be socially relevant and of contemporary nature. The speaker further highlighted as to the attributes and duties of a critical scholar and how the same would affect the quality of research. Some of such attributes includes being scientifically faithful with the research, objectivity, potential to edit the document and ensuring proper acknowledgement of the sources from which relevant ideas have been taken for carrying out the research.

The speaker explained all the aspects with the help of illustrations and examples that provided a clearer understanding to the students with regard to the various concepts

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

that were discussed.

The lecture also touched upon another critical aspect with respect to the qualifications or traits to be present in a research scholar. He mentioned that a research scholar must have the taste for the subject matter, patience, intellectual honesty, objectivity and should not suffer from chronic inaccuracy.

The speaker also exemplified on the different types of research methods which includes Prognosis research, Creative research, Experimental research and Prescriptive research. He explained the concept of internal and external criticism in research which is highly critical for a research scholar. The lecture was concluded on a very important note i.e. the different headings to be mandatorily present while preparing a research proposal. The speaker mentioned that a Research scholar must always highlight the importance of the research topic as it signifies his/her expression of work.

The participants were extremely overwhelmed by the lecture delivered by Dr. Raunak Kumar

Tamrakar as it would be very effective for their career and future work on research. The participants would also like to extend their gratitude to Dr. Preeti Nandkumar and Dr. Anju Singh, Co-ordinator and Co-coordinator of R&D cell for taking the initiative for organizing the guest lecture for students and faculties of all departments.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

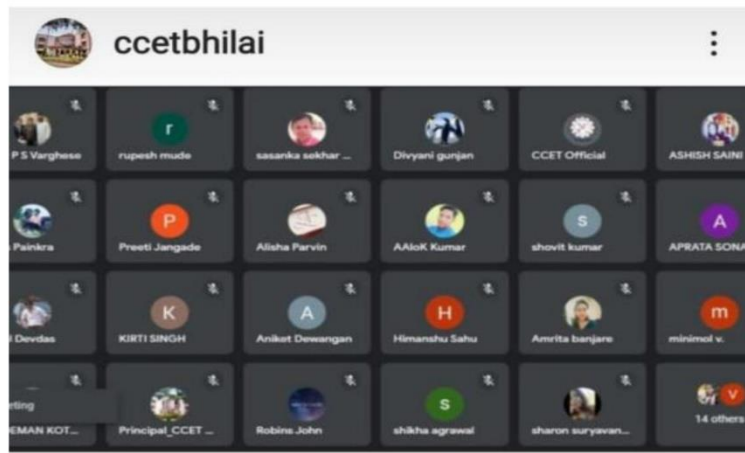
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The Photos taken During the Events:



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Raunak Kumar	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Ms LINCY MENDONZA	FACULTY
5	Ms Richa Sahu	FACULTY
6	DR. Preeti Nand Kumar	FACULTY
7	Amrita BANJARE	FACULTY
8	Dr Anju Singh	FACULTY
9	GULNAJ ANSARI	CSE
10	JEEVAN BARA	CSE
11	POONAMLAKRA	CSE
12	RAHUL ANISH PRASAD	CSE
13	ROSHAN KUMAR SAHU	CSE
14	SHILANATH PRATAP SINGH	CSE
15	Alakh Niranjan	MECH
16	Aman Uikey	MECH
17	Amit sahu	MECH
18	ankush kumar	MECH
19	HARBHAJAN BAGHEL	EE
20	Himanshu Sharma	EE
21	Nikita	EE
22	RAGINI RATHORE	EE
23	SHIVENDRA PANIGRAHI	EE
24	SUGAMBAKSHI	EE
25	VEDINA XAXA	EE
26	ASHISH SONI	ET & T
27	HARSH TARONE	ET & T
28	KOMAL PRASAD	ET & T
29	NIHAL SHARMA	ET & T
30	AVINASH EKKA	ET & T
31	AMIT KUMAR	ET & T
32	PRAVEEN KUMAR GAVEL	MTECH
33	SHIVA JI	MTECH
34	SANDHYA MINJ	MTECH
35	BHUPESH SONKAR	MTECH
36	Lokesh Patel	MTECH
37	NIKHIL KUMAR VERMA	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Guest Lecture

on

Awareness on Intellectual Property Rights

Resource Person: Mr. Nadeem Hussian Khan,

Plant Head, Standard Alloys India Pvt. Ltd., Aimer (Rajasthan)

Date: 27th March 2023

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY



**GUEST LECTURE ON
AWARENESS ON INTELLECTUAL
PROPERTY RIGHTS**

Resource Person:
Mr. Nadeem Hussian Khna
Plant Head
STANDARD ALLOYS INDIA PVT. LTD.
AIMER (RAJASTHAN)

Date: 27th March 2023 & Time: 11.00 am

Organized By: Research and Development Cell
Coordinators: Dr. Preeti Nandkumar & Dr. Anju Singh

Date: 27/03/2023

Brief summary of the program:

Dr Preeti Nandkumar ,Associate professor of department of chemistry and Coordinator of R&D cell, welcomed the gathering, introduced the guest and mentioned objective and importance of program. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to the speaker for start the lecture.

The main objective of the training program is to increase IP filing of states and thus building a robust IP ecosystem in the states of India.

Others objectives are given below:

- To assist States in creating/developing a Strong IP ecosystem thereby, transforming it into an attractive investment destination for the Industries.
- To sensitize the clusters about Intellectual Property Right and their protection.
- To identify protectable innovations.
- To suggest steps for transforming innovations into proprietary assets.
- To use IP information, particularly relating to patents and designs, for further research and development in developing new product and process.
- Utilize the IP information in their business development

The objective of this Awareness Program is to sensitize the Industry, R&D Organization, Scientific

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

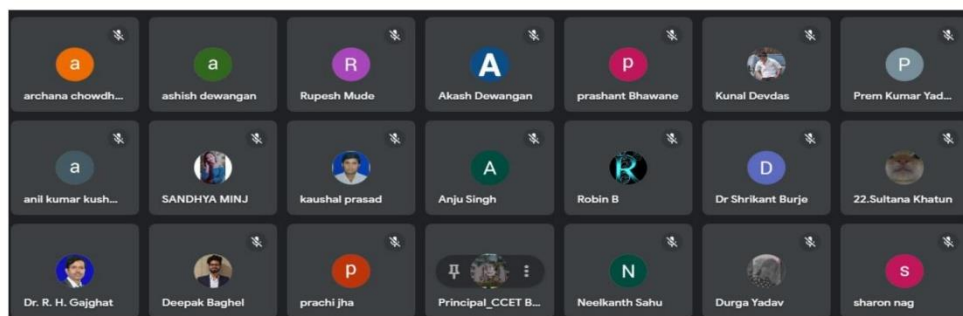
If You Aim High, We Provide The Means

Department and Educational Institutions about the growing need for promotion and protection of the intellectual assets, in the form of Patents, Designs & Trademarks and Geographical Indications, of inventors & creators from misappropriation by third party without their authorization.

Mr. Nadeem Hussain Khan, General Manager and Plant Head started with talking about legal benefits of registering patents and geographical indications. Further to make this lucid to understand cited the example of MTS as a registered Trade Mark. Through citing further examples and small case studies he emphasized on the commercial value of registering Trademarks and Logos. During his session Apple and Samsung legal case was discussed in brief. Representatives from industries are also put forward their queries on this to him.

From the feedback of the audience, session on Geographical Indication & Patents especially pertaining to the state's product and invention by intellectuals respectively is suggested to be pursued again, as the state has rich traditional handlooms and handicrafts, special agricultural products, Local inventions etc. which are yet to be registered. Overall, the program went well and all the dignitaries and concern person attended the program and made it a very successful. The number of audience present at the program reached about 50 which were more than expected. The delegates were very enthusiastic and eager to know about the IPR and also had given their best for the success of the program.

After the completion of the lecture, Dr. Anju Singh, Assistant Professor of Department of Physics and Co-coordinator of R&D cell gave vote of thanks to all the participants on behalf of entire CCET group.



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Nadeem Hussain Khan	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREE TI NANDKUMAR	FACULTY
5	Mr. ABID KHAN	FACULTY
6	Ms LINCY MENDONZA	FACULTY
7	Dr. DILLIP KUMAR DASH	FACULTY
8	Mr Praveen Chandrakar	FACULTY
9	Mr. PRAVEEN SINGH RATHORE	FACULTY
10	SHILANATH PRATAP SINGH	CSE
11	SHIVAM PANDEY	CSE
12	TIKESHWARI	CSE
13	VAISHALI	CSE
14	VANADA YADAV	CSE
15	VIBHA	CSE
16	VIJAY RELWANI	CSE
17	VINAY MNJ	CSE
18	SAGAR YADAV	MECH
19	Alakh Niranjan	MECH
20	Aman Uikey	MECH
21	Amit sahu	MECH
22	ankush kumar	MECH
23	ATUL HIRWANI	MECH
24	BHUPENDRA KUMAR SEN	MECH
25	Dheeraj kumar sori	MECH
26	DINESH KUMAR YADAV	MECH
27	LEO KOSHY VARGHESE	EE
28	MITHLESH	EE
29	PAWAN KUMAR VISHWAKARMA	EE
30	RAJKUMAR	EE
31	ROVINS XESS	EE
32	SHIVENDRA PANIGRAHI	EE
33	SUGAM BAKSHI	EE
34	VEDINA XAXA	EE
35	ASHISH SONI	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

An overview of Intellectual Property Rights

Resource Person: Mr. R.K. Rathod, Assistant Professor, RCET, Bhilai

Date: 27th February 2023

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Date: 27/02/2023

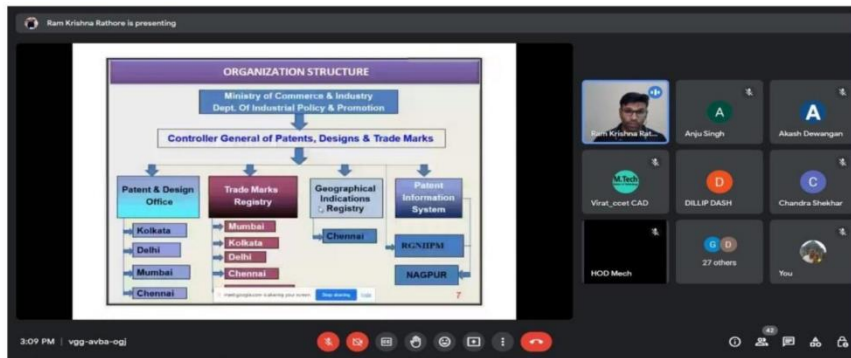
Brief summary of the program:

The program started with the welcome address by Dr. Anju Singh, department of Physics. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture.

Mr. R K Rathore gave basic introduction to Intellectual Property Rights. He also mentioned about various systems in IPR. He described in his lecture that IPR provide certain exclusive rights to the inventors or creators of that property, in order to enable them to reap commercial benefits from their creative efforts or reputation. In his lecture, he defined detailed descriptions of the patent certificate on the basis of colour and statement. Further he also gave brief summary about Patents, Trademark and Copyright (Registration and application process).

Finally, this meeting was concluded by Dr. Dillip Kumar who was the Coordinator of the program by giving vote of thanks.

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Ram Krishna Rathore is presenting

PATENT ACT & RULES

Criteria of Patentability:

- > Novelty
- > Inventive step or it must be non-obvious
- > Capable of industrial application
- > Not fall within the provision of section 3 & 4 of the Patents Act 1970

Patents Act 1970:

- > Section 3: List which are not inventions
 - > Frivolous or obvious
 - > Contrary to well established natural laws
 - > Injurious to Public Health
 - > Mere arrangement or re-arrangement
 - > Discovery of Scientific principle
 - > Discovery of living thing or non-living substances in nature
 - > Method of agriculture or horticulture
 - > A mathematical or business method or a computer program
- > Section 4: Not-patentable: Atomic Energy related

3:23 PM | vgg-avba-ogj

Ram Krishna Rathore is presenting

PATENTS

Patent is an exclusive monopoly right.

- > Granted by Government of India
- > For an Invention
- > To the Inventor or his Assignee
- > As a Territorial Right
- > In lieu of Disclosure of invention to the Government
- > Term of Patent: 20 years from date of filing

3:20 PM | vgg-avba-ogj

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Shiju Raju	SPEAKER
2	Dr. DIPALI SOREN	Princip al
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Dr. PREETI NANDKUMAR	FACUL TY
5	Dr. SANDHYA PILLAI	FACUL TY
6	Mr. ASHISH DE WANGAN	FACUL TY
7	Mr. PRASHANT BAWANEY	FACUL TY
8	Mr. RADHESHYAMH GAJGHAT	FACUL TY
9	Ms. Anju S ingh	FACUL TY
10	Ms Dnyani	FACUL TY
11	DEVIKA THAKRE	CSE
12	GULNAJ ANSARI	CSE
13	VIBHA	CSE
14	VIJAY RELWANI	CSE
	VINAY MINJ	CSE
16	SAGAR YADAV	MECH
17	Alakh Niranjan	MECH
18	Poonam	MECH
19	G RAMU	MECH
20	HARSAD	MECH
21	HIMANSHU SAHU	MECH
22	MAYUR YADAV	MECH
23	RAJESH KUMAR SHRIVASTAVA	MECH
24	V.AIBHAV LAKSHMI DUBEY	EE
25	VISHNU RAM	EE
26	VIVEK	EE
27	DEEPAK CHAUDHARY	EE
28	DUJENDRA KUMAR SAHU	EE
29	VEDINA XAXA	EE
30	ASHISH SONI	ET & T
31	HARSH TARONE	ET & T
32	AVINASH EKKA	ET & T
33	AMIT KUMAR	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

A Lecture on Intellectual Property Rights

Resource Person: Dr. Mukesh Kumar Ray, Associate Professor, Bharti University, Durg (C.G)

Date: 20th April 2023

Venue: CCET, Bhilai (C.G.)



Organized by: First Year Department, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

The poster features the college's logo at the top center. Below it, the text reads: "CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY", "LECTURE ON INTELLECTUAL PROPERTY RIGHTS", "Resource Person: Dr. Mukesh Kumar Ray", "Bharti University, Durg (C.G)", "20th April 2023", and "ORGANISED BY FIRST YEAR DEPARTMENT". There are three main graphics: a circular diagram on the left with "Intellectual Property" in the center and "Trade Secret", "Trade Marks", "Patent", "Copyright", and "Industrial Design" around it; a central illustration of two people with a glowing lightbulb; and a word cloud on the right with "Law of Intellectual Property Rights" in the center.

Date: 20-04-2023

Brief summary of the program:

The program started with the welcome address by Dr. Dipali Soran, Principal CCET Bhilai. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture.

Dr. Mukesh Kumar Ray gave basic introduction to Intellectual Property Rights. He explained actual meaning of Intellectual Property Rights. He said that if you acknowledge your work than you are free from any kind of risk. He also discussed Intellectual property on the basis of many examples like slogan of any company, logo, story, web series and unique designs etc. He described in his lecture that IPR provides certain exclusive rights to the inventors or creators of that property, in order to enable them to reap commercial benefits from their creative efforts or reputation. In his lecture, he defined detailed descriptions of the property on the basis of their types. He also discussed about the IP chain of activities like creation, Innovation, protection and enforcement. He said that geographical identifications like

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

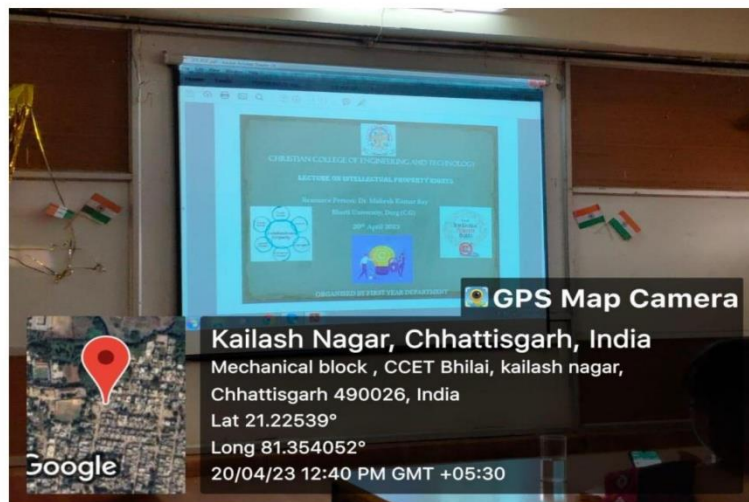
Managed By St. Thomas Mission, Bilhail

Approved by AICTE and Affiliated to CSVTU, Bilhail

If You Aim High, We Provide The Means

Alphonso mango, Orange of Nagpur, Kolhapuri chhapal etc. are also Intellectual property. In his lecture, he said that Intellectual properties can also sold, bough and lease. Some international convention for IP has also been discussed. He also discussed different laws of Intellectual property protection like copyright act 1987, trademark act 1999, laws of torts etc. In his lecture he also discussed why some inventions are not patentable according to laws. Infringement of patent are also discussed. He also discussed about the important symbols of copyright, trademark and unregistered trademark. Further he also gave brief summary about indexing of India in IPR.

Finally, this program was concluded by Dr. Dillip Kumar Das, Professor of mathematics, by giving vote of thanks.



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



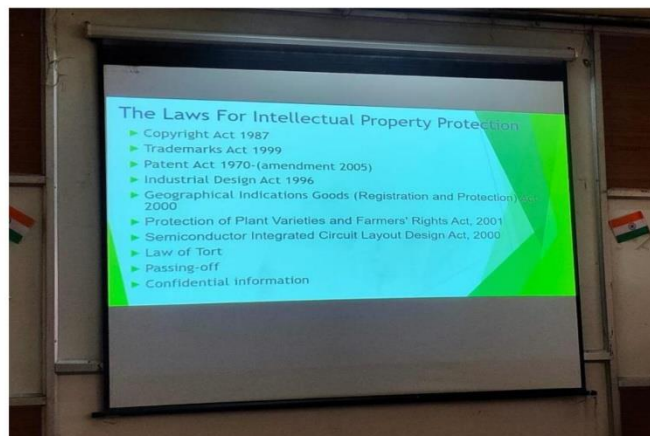
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



S. N.	NAME	DEPT.	SIGN.
1.	Dr. Anil Singh	physics	(Signature)
2.	Ms. Shikha Agrawal	CSE	(Signature)
3.	Amrita Bhatnagar	CSE	(Signature)
4.	Dr. Beeta	Chemistry	(Signature)
5.	Rashmi Singh	Library	(Signature)
6.	Minimol	physics	(Signature)
7.	Umay Mendonca	CSE	(Signature)
8.	Pami Alexander	Accounts	(Signature)
9.	D. Manjula	Adms	(Signature)
10.	Dr. Sudha Suresh	Library	(Signature)
11.	Dr. S.S. Archana	Mathematics	(Signature)
12.	Dr. R. Gargi	mech Engg.	(Signature)
13.	Dr. P.S. Rao	Mechanics Training	(Signature)
14.	Mr. A.D. Vincent	Administration Officer	(Signature)
15.	R. Bhat	Admin.	(Signature)
16.	Abid Khan	CSE	(Signature)
17.	Dr. Shailendra Verma	Electrical	(Signature)

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Webinar

on

Intellectual Property Rights

Resource Person: Mr. Rushikesh G Lavhale

IPR Professional, Techno minds IP Solutions, Amravati

Date: 24th April 2023

Venue: CCET, Bhilai (C.G.)



Organized by: Mechanical Department in association with Institution's Innovation Council CCET, Bhilai (C.G)

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

CHRISTIAN COLLEGE OF
ENGINEERING AND
TECHNOLOGY, BHILAI

In association with
Department of Mechanical Engineering
&
Institution's Innovation Council(IIC)

**WEBINAR
ON
INTELLECTUAL PROPERTY
RIGHTS**

RUSHIKESH G. LAVHALE
MONDAY | 24 APRIL 2023 | 11:00 AM

MEETING LINK : [HTTPS://MEET.GOOGLE.COM/YXP-THXY-AYS](https://meet.google.com/YXP-THXY-AYS)

Date: 24/04/2023

Brief summary of the program:

A Webinar on 'Intellectual Property Rights' was organized by Department of Mechanical Engineering in Association with Institution's Innovation Council (IIC), Christian College of Engineering & Technology, Bhilai on 24 April 2023.

The program started with the blessing of Executive Vice Chairman, Fr Dr P S Varghese. He blessed all the participants and motivated them to apply for IPR publications. The speaker of this webinar was Mr. Rushikesh G. Lavhale, IPR Professional, Techno minds IP Solutions, Amravati. He explained the various technical and financial aspects of Intellectual Property Rights for faculties, students and the research community. Principal Dr Dipali Soren welcomed the dignitaries and the participants. This program was conducted under National Intellectual Property Awareness Mission (NIPAM).

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

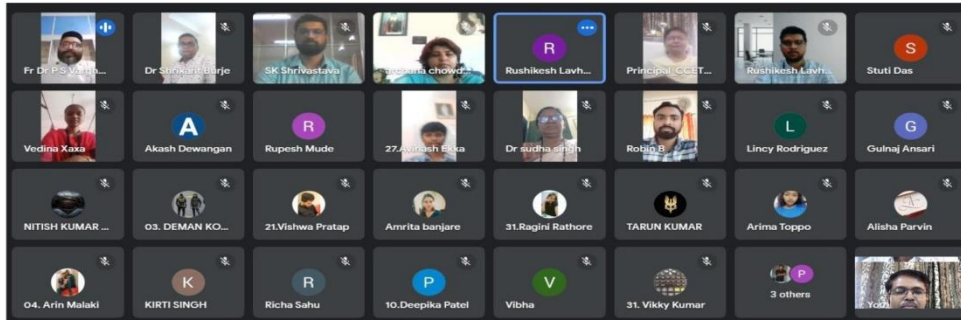
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

This webinar was focused on patent, design patent, copyright, trademark, the commercialization of patents, and IP laws applicable in India. Sumit Kumar Shrivastava conducted the program and Dr R H Gajghat, HoD, Mechanical Engineering, proposed vote of thanks. Overall the webinar was excellent and it was very useful for the faculties, students and for the academic Community.



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Mr. Rushikesh G Lavhale	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Mr. AMIT SARDA	FACUL TY
5	Mr. ABID KHAN	FACUL TY
6	Ms LINCY MENDONZA	FACUL TY
7	Dr. DILIP KUMAR DASH	FACUL TY
8	ASHISH SONI	ET & T
9	HARSH TARONE	ET & T
10	KOMAL PRASAD	ET & T
11	NIHAL SHARMA	ET & T
12	AVINASH EKKA	ET & T
13	AMIT KUMAR	ET & T
14	Satyam bharti	EE
15	DEEPAK KUMAR	EE
16	HARISH KUMAR	EE
17	KAMLESHWAR	EE
18	PREMKUMAR YADAV	EE
19	RAKESH KUMAR	EE
20	SAHIL SONI	EE
21	TRIBHUWAN	EE
22	SOMESH KUMAR DHRUW	CSE
23	SOMYA C KURIAN	CSE
24	SUNNY SAMSON	CSE
25	VIJENDRA BAHADUR PRASAD	CSE
26	VIKAS PAINKRA	CSE
27	AMIT KUMAR SAO	CSE
28	KHUSHBOO	CSE
29	KIRTI SINGH	CSE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

on

Roadmap to Intellectual Property Rights

Resource Person: Mr. Ankur Gupta, Advocate, District Court, Durg (C.G)

Date: 24th January 2023

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY



**INVITED TALK ON
ROADMAP TO INTELLECTUAL
PROPERTY RIGHTS**

**Resource Person:
Mr. Ankur Gupta
Advocate
Durg District Court (C.G)**

Date: 24th January 2023 & Time: 11.00 am

Organized By: Research and Development Cell

Date: 24/01/2023

BRIEF SUMMARY

The program started with the welcome address by Dr. Dipali Soran, Principal CCET Bhilai. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture.

The Department of Research and Development Cell conducted one hour invited talk on “Roadmap to Intellectual Property Rights” in offline mode. The Programme included talks on the value of Intellectual Property Rights and how to defend them, patenting procedures and patent informatics, patent searches, the role of innovation and invention in academia-industry partnerships, trademark and copyright protection, and do's and don'ts for researchers in the sense of publishing and patenting. The workshops intended to cover various aspects of IPR like Patents, Copyrights, and Trademark, etc. Mr. Ankur Gupta, Advocate and Legal Advisor of District Court, Durg (C.G) were the expert speakers of this talk, who enlightened the audience with their wisdom and expertise. Dr. Dipali Soren, Principal of CCET, Bhilai, delivered the Opening remark on this talk; she shared his valuable insights on the topic and motivated the audience for their active participation. Dr. Preeti Nandkumar, Coordinator of R&D cell, delivered a closing Remark; she highlighted the importance and relevance of the topic in the current scenario. This talk has received a lot of positive feedback from both students and faculty members. There were 45 enthusiastic participants in total, who took part in the talk on IPR deliberations. An Assessment activity was conducted under which quiz after the session was completed. Dr. Anju Singh, Co- coordinator of R & D cell has coordinated the program very well.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



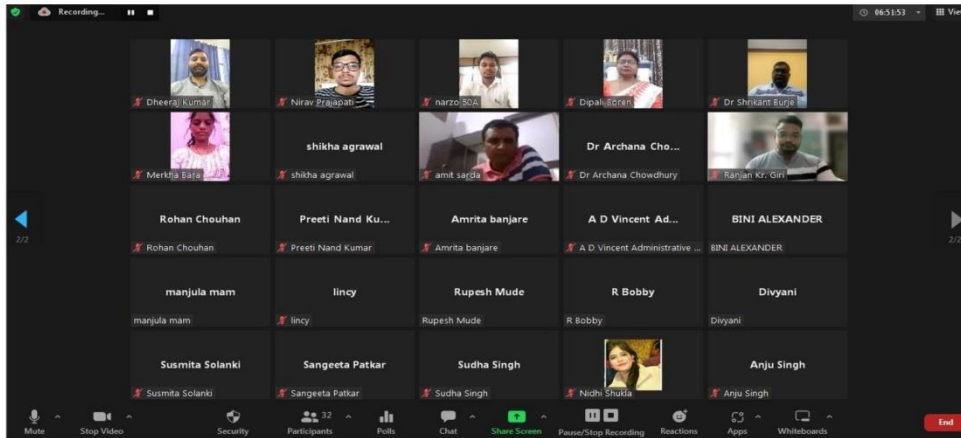
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Mr. Ankur Gupta	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Mr. AMIT SARDA	FACUL TY
5	Mr. ABID KHAN	FACUL TY
6	Ms LINCY MENDONZA	FACUL TY
7	Dr. DILLIP KUMAR DASH	FACUL TY
8	Mr Praveen Chandrakar	FACUL TY
9	Mr. PRAVEEN SINGH RATHORE	FACUL TY
10	Dr. PREETI NANDKUMAR	FACUL TY
11	Ms SHIKHA AGRAWAL	FACUL TY
12	Atul Choudhary	M.TECH
13	Deepak Baghel	M.TECH
14	G Praveen Kumar	M.TECH
15	Nagraj	M.TECH
16	Sujit Kumar Singh	M.TECH
17	Suyash kumar sahu	M.TECH
18	Vinita Garhvaliya	M.TECH
19	A SATISH KUMAR	M.TECH
20	AA TI FA FATI MA	M.TECH
21	AKASH KUMAR YADAV	M.TECH
22	ASHISH SONI	ET & T
23	HARSH TARONE	ET & T
24	KOMAL PRASAD	ET & T
25	NIHAL SHARMA	ET & T
26	AVINASH EKKA	ET & T
27	AMIT KUMAR	ET & T
28	Satyam bharti	EE
29	DEE PAK KUMAR	EE
30	HARISH KUMAR	EE
31	KAMLESHWAR	EE
32	PREMKUMAR YADAV	EE
33	RAKESH KUMAR	EE
34	SAHIL SONI	EE
35	TRIBHUWAN	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Invited Talk

On

Role of Intellectual Property Rights for Industry and Academia

Resource Person: Mr. Ravish Rajput, Advocate, District Court, Durg (C.G)

Date: 14th March 2023

Venue: CCET, Bhilai (C.G.)



Organized by R&D Cell, CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

LECTURE ON ROLE OF INTELLECTUAL PROPERTY RIGHTS FOR INDUSTRY AND ACADEMIA

**Resource Person: Mr. Ravish Rajput
Advocate, District Court Durg (C.G)**

Date: 14th March 2023 & Time: 11.30 am

Organized By: Research and Development Cell



Date: 14/03/2023

BRIEF SUMMARY

The program started with the welcome address by Dr. Dipali Soran, Principal CCET Bhilai. She has welcomed the participants and gave detailed introduction of the speaker and handed over the session to him for start the lecture.

Intellectual Property Rights (IPR) is concerned with the protection of tangible and intangible property. It provides rewards and recognition to inventors/contributors for their research, designs, discoveries and inventions etc. The aim of this lecture is to train the participants about the mechanism of accessing and using IPR information for further research and development in developing new products and process and for their use in business development, also suggest steps for transforming innovations into proprietary assets.

The main objectives of this program are:

- To encourage widespread awareness and understanding of the role that intellectual property plays in fostering a creative and innovative culture.
- To encourage protection of IP achievements through increased registration of rights.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

- Educate the participants on how to respond to infringements of rights including patent rights.
- To educate about the protection and enforcement of IPRs from infringements.
- To raise the level of IP awareness in universities and college particularly among students and scholars.
- To establish the link between industry and academia on IPR.

He also discussed about the international and national framework of IPRs, Introduction to IPR tools such as Patents, Trademarks, Industrial Design, Geographical Indication, Copyright, Trade secrets, IP enforcement and challenges, Leveraging IPR in Industry and Business, success stories, Leveraging IPR in Academia and R&D institutions and panel discussion on Industry- Academia collaboration for industry and Academia.

In this program he discussed about the general awareness about the Intellectual Property (IP), the advantages and the need of small and medium Enterprises to protect their own IPs.

He also talked on IP enforcement, the enforcement machinery in India, practical challenges in IP Rights and the current judicial scenario. He also talked about IP audit, exchange of IPRs and Technology and Merchandise Licensing.

The program ended with vote of thanks by Dr. Preeti Nandkumar , Coordinator of R&D cell, CCET, Bhilai.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

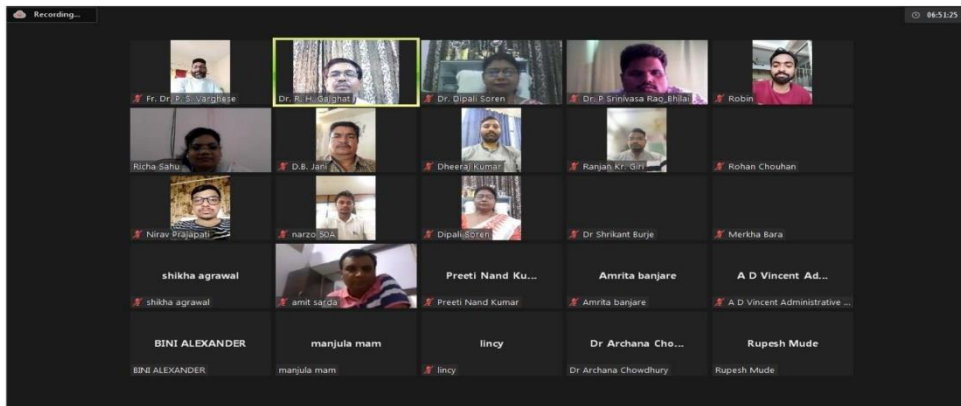
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Screen Shot



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Mr. Ravish Rajput	SPEAKER
2	Dr. DIPALI SOREN	Princ ipal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Ms LINCY MENDONZA	FACULTY
5	Ms Richa Sahu	FACULTY
6	DR. Preeti Nand Kumar	FACULTY
7	Amrita BANJARE	FACULTY
8	Dr Anju Singh	FACULTY
9	GULNAJ ANSARI	CSE
10	JEEVAN BARA	CSE
11	POONAMLAKRA	CSE
12	RAHUL ANISH PRASAD	CSE
13	ROSHAN KUMAR SAHU	CSE
14	SHILANATH PRATAP SINGH	CSE
15	Alakh Niranjn	MECH
16	Aman Uikey	MECH
17	Amit sahu	MECH
18	ankush kumar	MECH
19	HARBHAJAN BAGHEL	EE
20	Himanshu Sharma	EE
21	Nikita	EE
22	RAGINI RATHORE	EE
23	SHIVENDRA PANIGRAHI	EE
24	SUGAM BAKSHI	EE
25	VEDINA XAXA	EE
26	ASHISH SONI	ET & T
27	HARSH TARONE	ET & T
28	KOMAL PRASAD	ET & T
29	NIHAL SHARMA	ET & T
30	AVINASH EKKA	ET & T
31	AMIT KUMAR	ET & T
32	PRAVEEN KUMAR GAVEL	MTECH
33	SHIVA JI	MTECH
34	SANDHYA MINJ	MTECH
35	BHUPESH SONKAR	MTECH
36	Lokesh Patel	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

A Seminar

On

“Entrepreneurship Development”

Resource person: Dr Rajkumar Jhapte,

Alumni of CCET Bhilai and Associate Professor, SSTC Bhilai

Date :12/06/2023

Venue :CCET Campus Bhilai, C.G.



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report :

Coordinator: Dr Shailendra Verma. CCET Bhilai

No. of students attended this seminar: 30

The Seminar on **Entrepreneurship Development** was conducted by Christian College of Engineering and Technology Bhilai on 12/06/2023. The seminar was organized for UG students. Dr. Raj Kumar Jhapte from SSTC Bhilai, was the speaker.

Entrepreneurship is a process of identifying and starting a business venture, sourcing and organizing the required resources and taking both the risks and rewards associated with the venture.

Entrepreneurship is a key factor for economic development. There is an increased rate of students across developed and developing countries considering the issue of self-employment. Whether you start your own company or choose to ascend the corporate ladder, maintaining the spirit of entrepreneurship all along the way is essential. This goes far beyond just making money. It is about creating value and ideas, about possessing internationally convertible leadership skills and about cultural diversity. The objective of this session was to motivate students towards entrepreneurship as it can create employment for the future generations. Dr. Raj Kumar Jhapte, addressed the students about the concept of entrepreneurship.

The lecture was organized to raise basic awareness of entrepreneurial concepts and to enable students to identify and learn how to make a mindset to take up entrepreneurship as a career. The facilitator introduced the concept of entrepreneurship by focusing on myths related to it and the different aspects of entrepreneurship such as entrepreneurs are born not made, entrepreneur fit an ideal profile, all you need is money to be an entrepreneur, all you need is luck to be an entrepreneur and another is that great idea is the only ingredient in a recipe for business. He mentioned that the reason that people do not start their new ventures in a country like India is due to non-awareness amongst the population of India and decides to go for jobs in private or government sector so as to minimize the risk. Sir explained in detail about the various attributes of successful entrepreneurs such as drive, communication skills and technical skills. The concept was further infused with a power point presentation that spoke about the startup business in India Followed by a discussion on contemporary business environment prevailing in the country. He also highlighted names of some successful entrepreneurs like Sriram Subramanya, Rohit Bhatt, Azim Premji, Lakshmi Mittal, Dhirubhai Ambani, Sachin Bansal and Binny Bansal, Kishore Biyani and their journey towards becoming an entrepreneur. This lecture motivated the students to work hard and start a new venture through adequate forward planning and the execution of the plans. The session was an interactive one where the students were very participative and engaged in questions with the dignitary.

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bilhal

Approved by AICTE and Affiliated to CSVTU, Bilhal

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bilai

Approved by AICTE and Affiliated to CSVTU, Bilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bilhal

Approved by AICTE and Affiliated to CSVTU, Bilhal

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr Rajkumar Jhapte	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACULTY
4	Dr. PREETI NANDKUMAR	FACULTY
5	Dr. SANDHYA PILLAI	FACULTY
6	Mr. ASHISH DE WANGAN	FACULTY
7	Mr. PRASHANT BAWANEY	FACULTY
8	Mr. RADHESHYAMH GAJGHAT	FACULTY
9	Ms. Anju Singh	FACULTY
10	Ms Divyani	FACULTY
11	DEVIKA THAKRE	CSE
12	GULNAJ ANSARI	CSE
13	VIBHA	CSE
14	VIJAY RELWANI	CSE
	VINAY MINJ	CSE
16	SAGAR YADAV	MECH
17	Alakh Niranjan	MECH
18	Poonam	MECH
19	G RAMU	MECH
20	HARSAD	MECH
21	HIMANSHU SAHU	MECH
22	MAYUR YADAV	MECH
23	RAJESH KUMAR SHRIVASTAVA	MECH
24	VAIBHAV LAKSHMI DUBEY	EE
25	VISHNU RAM	EE
26	VIVEK	EE
27	DEEPAK CHAUDHARY	EE
28	DUJENDRA KUMAR SAHU	EE
29	VEDINA XAXA	EE
30	ASHISH SONI	EE

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

WORKSHOP

on

How to plan for Start-up and Legal and Ethical Step

Date: 7/6/2023

Resource Person -Maully Chandra

Founder & Director Force Intellect

PvtLtd.Pune

Venue:CCET Bhilai,C.G.



Organized by Start up Cell,IIC Cell,CCET,Bhilai

IIC cell of CCET, Bhilai

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

CCET
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

INSTITUTION'S INNOVATION COUNCIL

MoE'S INNOVATION CELL
(GOVERNMENT OF INDIA)

SESSION ON
"How to plan for Start-up and Legal and Ethical Steps"

Resource Person
Maully Chandra
Founder & Director Force Intellect Pvt Ltd. Pune

Date: 7th June 2023 , Time: 1.00 pm

(In coordination with Industry Institute Interaction Cell & R&D Cell)
CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI

REPORT ON GUEST LECTURE

Report on Session

"How to plan for Start-up and Legal and Ethical Steps"

By

Maully Chandra Shahi,

Founder & Director Force Intellect Pvt Ltd.

Institution' Innovation Council under Startup Cell in association with R&D Cell of Christian College of Engineering and Technology (CCET) BHILAI, organized a session on **"How to plan for Start-up and Legal and Ethical Steps"** by Maully Chandra Shahi,

The primary objective of the entrepreneurship session was to equip participants with valuable insights into the entrepreneurial journey, impart practical knowledge, and motivate them to pursue their entrepreneurial ambitions.

Maully Chandra Shahi is Founder & Director Force Intellect Pvt Ltd. He is instrumental in designing & implementing ERP software for manufacturing companies. He is passionate about adding value & enabling growth of manufacturing SMEs by transforming companies digitally with ERP software. During the entrepreneurship journey he has actively handled various business functions such as product development, implementation, project management, marketing & sales. He has helped more than 125+ manufacturing industries from various verticals such as Steel, Fabrication, Engineering, Electrical, Mining, Chemical, Transmission Line Tower Industries to achieve excellence & growth.

In his session he gave the introduction to entrepreneurship and its significance in today's business

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

landscape, identifying entrepreneurial opportunities and assessing market potential, understanding the entrepreneurial mind-set and the importance of perseverance, adaptability, and risk-taking. He elaborated how to develop a business plan, including market research, competitive analysis, and financial projections, fundraising strategies and accessing startup capital. He gave thrust on building a strong team and effective leadership skills. How to navigate challenges and overcoming obstacles in entrepreneurship was the key theme of the session. Mauli Chandra shared real-life examples, case studies, and anecdotes to illustrate key concepts and inspire participants. The session encouraged interactive discussions, allowing participants to ask questions and seek guidance on specific entrepreneurial challenges they faced or anticipated.

CCET startup cell organized this expert talk with an objective to create awareness, to explore business opportunities to students of engineering courses by bringing together experts from industries, government agencies in order to provide ideas and information for becoming an entrepreneur as an alternative career option and also to highlight the merits of pursuing such an option. It will also explore the possible business opportunities and create all necessary awareness to start a new project on his own or with the help of government procedures. This cell primarily works to support, encourage, and to create platform for new and young entrepreneurs. Program started with the word of blessings from Fr. Dr. P.S.Varghese, Executive Vice Chairman. Dr Dipali Soren, Principal welcomed the resource person. The program was conducted by Dr Anju Singh and Dr. Preeti Nand Kumar R&D Cell coordinators in association with IIC Start cell.

The session shed light on the challenges and obstacles that entrepreneurs commonly face. With this Participants can proactively plan and create solutions to overcome the difficulties faced by them during the journey of starting a new start up. Participants' chances of success can be increased by making better judgments and being aware of potential obstacles in advance.

<https://www.facebook.com/ccet.bhilai.904/posts/pfbid0FCwFhJq5TTbLzxMCTxB13VsW9fatGC3tV2ief9ddBL7fPZhqmoTm5z6TFmA5aoiJl>

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



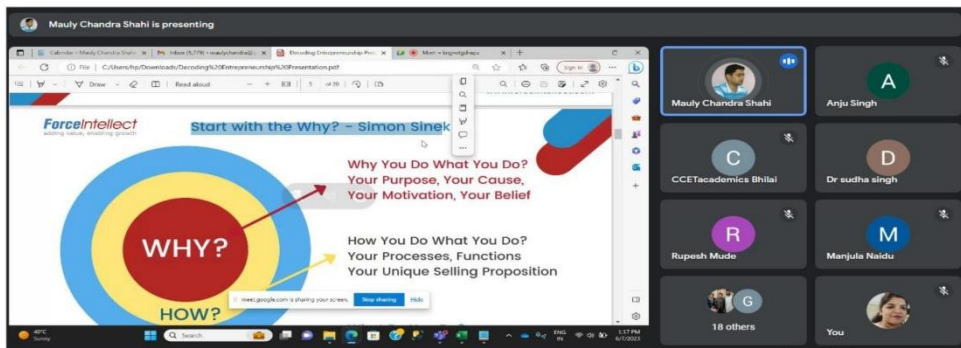
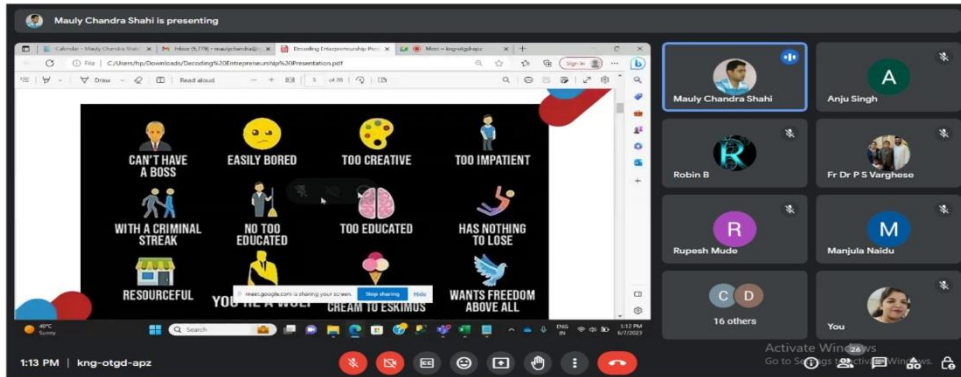
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



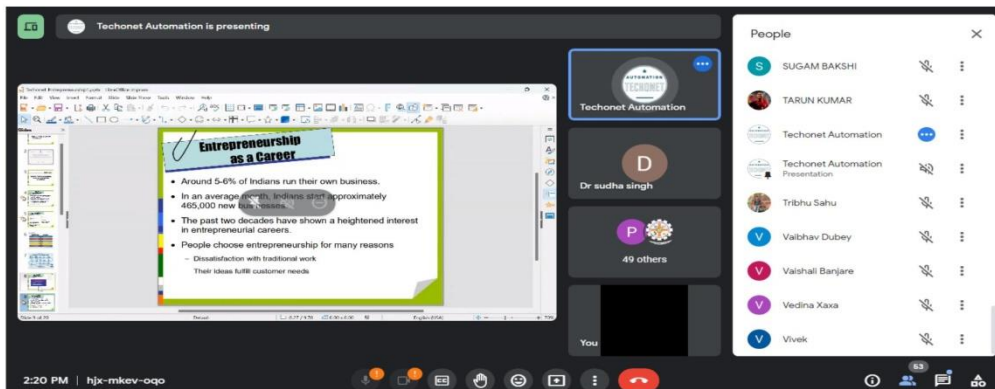
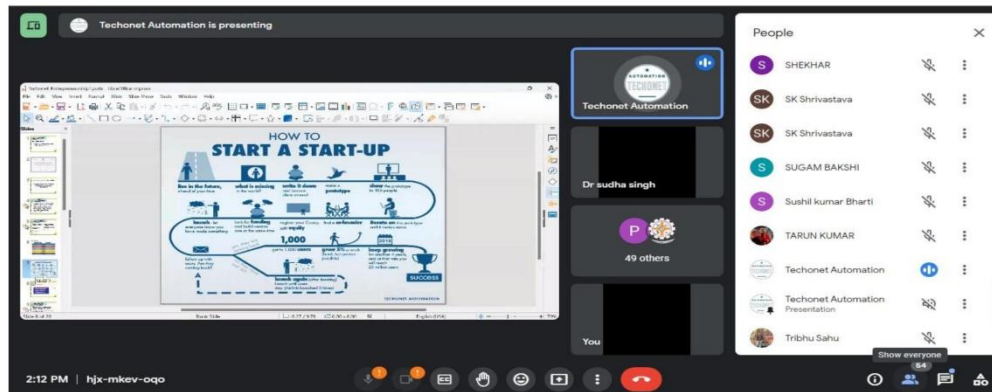
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



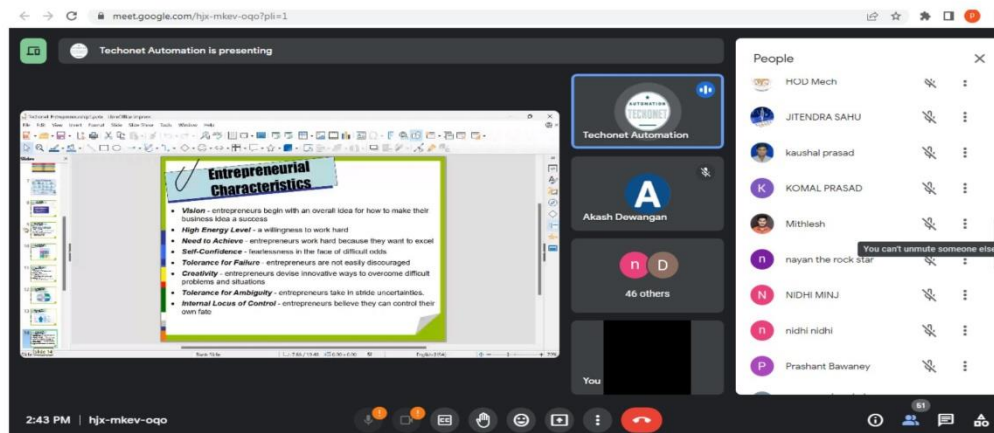
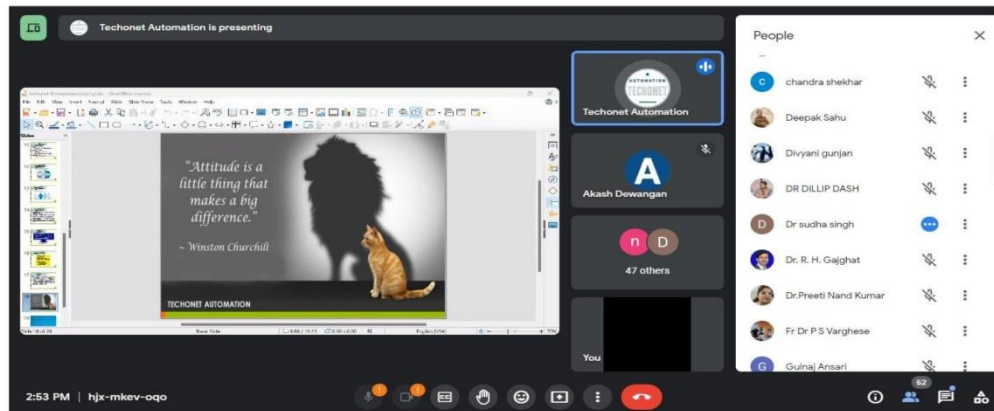
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Ms. Mauly Chandra	SPEAKER
2	Fr. Dr. P.S. Varghese	EVC
3	Dr. DIPALI SOREN	Principal
4	Dr. ARCHANA CHOWDHURY	FACULTY
5	Dr. PREETI NANDKUMAR	FACULTY
6	Mr. ABID KHAN	FACULTY
7	Ms LINCY MENDONZA	FACULTY
8	Dr. DILLIP KUMAR DASH	FACULTY
9	AKHIL ANU ABRAHAM	MECH
10	DEEPAK KUMAR	MECH
11	HIMANSHU TAMRAKAR	MECH
12	RAHUL KUMAR BRAMHANKAR	MECH
13	ROBINS JACOB JOHN	MECH
14	ROSHAN ROY	MECH
15	SAHIL KUMAR YADAV	CSE
16	SANDEEP SIKDAR	CSE
17	STUTI DAS	CSE
18	SUKHJEET SINGH HANS	CSE
19	SULTANA KHATUN	CSE
20	ASHWANI KUMAR PANDEY	EE
21	BHARTI JENA	EE
22	Dewanshu Ghatode	EE
23	HARBHAJAN BAGHEL	EE
24	Himanshu Sharma	EE
25	TARUN KUMAR	EE
26	Thane sh Gaur	EE
27	Satyam bharti	EE
28	HARISH KUMAR	EE
29	VEDINA XAXA	EE
30	ASHISH SONI	ET & T
31	HARSH TARONE	ET & T
32	KOMAL PRASAD	ET & T
33	NIHAL SHARMA	ET & T
34	AVINASH EKKA	ET & T
35	AMIT KUMAR	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**REPORT ON
GUEST LECTURE**

Entrepreneurship Skill, Attitude & Behavior Development.

Expert Speaker: Mr. Kailash Kumar Patel, Founder & Director of TECHONET, ONET Infotech & Sanvidhan IAS

Date: 24/02/2023

Total participants: 50



**Organized by: Mechanical/Electrical Engineering Department,
CCET, in association with Institution Innovation Council (MHRD Initiative) & NDLI Club**

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Brief Report about the program:

The program started with the welcome address by Mr. Robin Babu, Faculty of Mechanical Engineering. He has welcomed the participants and briefed about the significance and current & Future Scope of Information Technology. Mr. Robin Babu Asst. Professor has given the introduction about the guest speaker of the lecture and handed over the session to him.

Mr. Kailash Kumar Patel has given basic introduction regarding Internet of things(IOT), Data Science, Artificial Intelligence. He has also discussed about the Startup & the challenges faced by young entrepreneurs. He also explained the Boom in Startups & encouraged our students. Further the resource person has given brief summary about Internet of things (IOT), Data Science, Artificial Intelligence and its applications. Finally the meeting concluded with the vote of thanks given by Mr. Robin Babu, Host for the guest lecture.

Facebook Link for Advertisement-

<https://www.facebook.com/ccet.bhilai.904/posts/pfbid0rhVGx46EzwcKdhxhRumG39FwGfsGGsG16o1qUtGh3J2HBazAt9bT64SQTrojzSX2l>

Facebook Link after Presentation-

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

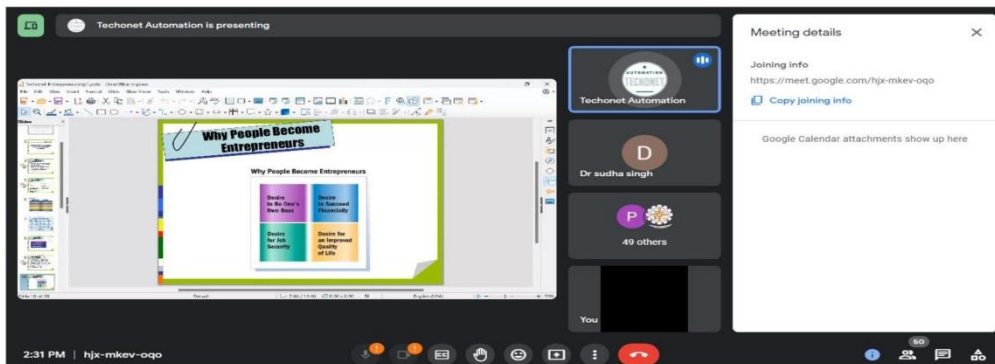
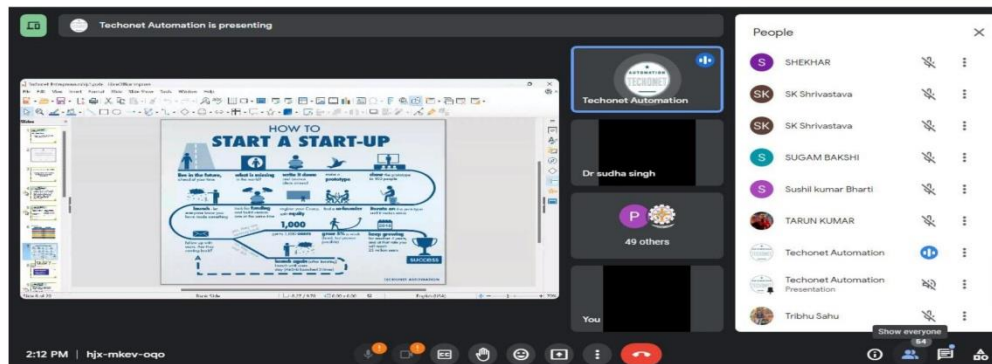
CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Screenshots of the program



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



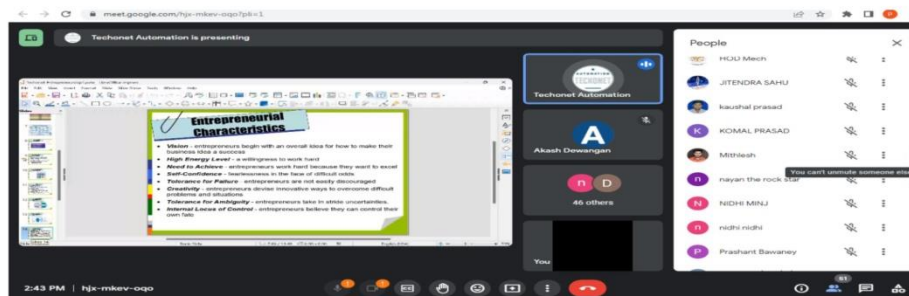
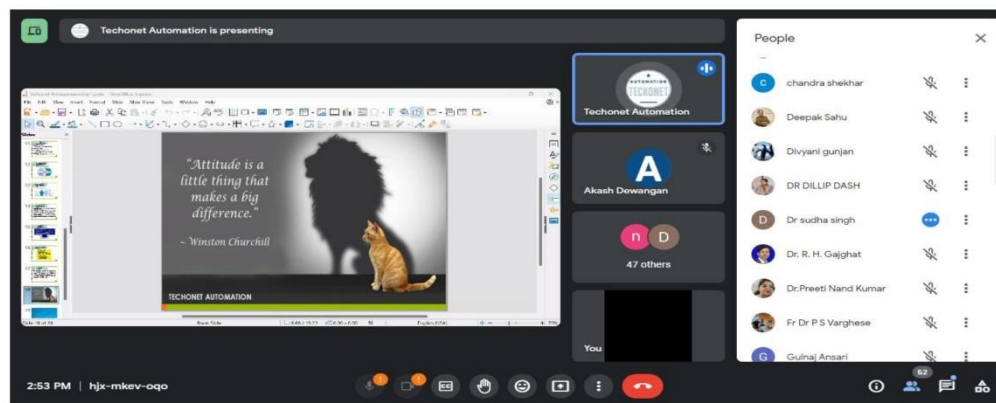
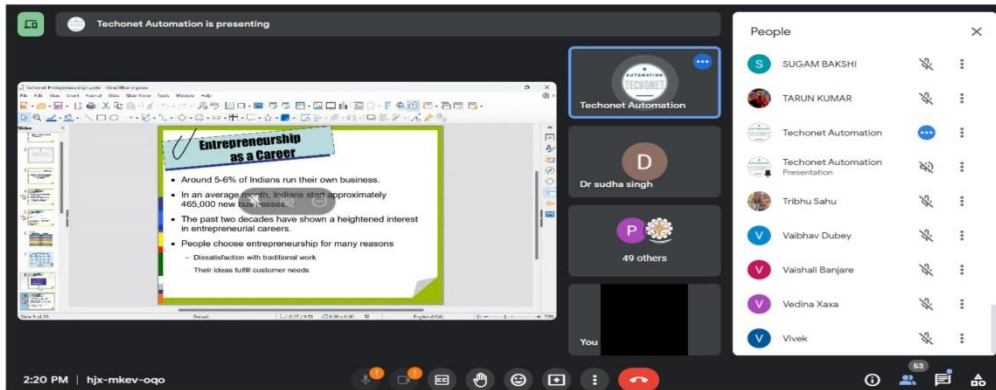
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACUL TY & STUDENTS
1	Mr. Kailash Kr. Patel	SPEAKER
2	Dr. DIPALI SOREN	Principal
3	Dr. ARCHANA CHOWDHURY	FACUL TY
4	Dr. PREETI NANDKUMAR	FACUL TY
5	Mr. ABID KHAN	FACUL TY
6	Ms LINCY MENDONZA	FACUL TY
7	Dr. DILLIP KUMAR DASH	FACUL TY
8	Mr Praveen Chandrakar	FACUL TY
9	Mr. PRAVEEN SINGH RATHORE	FACUL TY
10	SHILANATH PRATAP SINGH	CSE
11	SHIVAMPANDEY	CSE
12	TIKESHWARI	CSE
13	VAISHALI	CSE
14	VANADA YADAV	CSE
15	VIBHA	CSE
16	VIJAY RELWANI	CSE
17	VINAY MINJ	CSE
18	SAGAR YADAV	MECH
19	Alakh Niranjn	MECH
20	Aman Uikey	MECH
21	Amit sahu	MECH
22	ankush kumar	MECH
23	ATUL HIRWANI	MECH
24	BHUPENDRA KUMAR SEN	MECH
25	Dheeraj kumar sori	MECH
26	DINESH KUMAR YADAV	MECH
27	LEO KOSHY VARGHESE	EE
28	MITHLESH	EE
29	PAWAN KUMAR	EE
30	VISHWAKARMA	EE
31	RAJKUMAR	EE
32	ROVINS XESS	EE
33	SHIVENDRA PANIGRAHI	EE
34	SUGAMBAKSHI	EE
35	VEDINA XAXA	EE
36	ASHISH SONI	ET & T

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

**A Webinar
On
“How to Start a Start- UP”**

**Resource person: Dr Achala Jain, Alumni of CCET Bhilai and Associate Professor,
SSCET Bhilai**

Date :10/05/2023

Venue :CCET Campus Bhilai, C.G.



Organized by: Institutional Innovation Cell (IIC), CCET

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

Report :

Coordinator: Dr Shailendra Verma, CCET Bhilai

No. of students attended this seminar: 40

Prof. Achala Jain is Associate Professor and in-charge of Innovation Center SSCET Bhilai. She focused on as why startups are important for the country? How they are able to create Job Opportunities and new market? One of the India's startup Flipkart falls in the world's Top 10 Startups. She also made us aware about the brief history of Entrepreneurship in India. When the wave of startup came in India, then the first wave was of BT and IT sector. And the second wave represents Consumerism. Presently India ranked 4th position for startup so emerging on global level. 37% startups are in Business Analytics, 59% in E commerce sector and 42% in Aggregators and Recruitment. The success rate of Startups is quite low, on an average 90% startups fail and 10 % of startups fail in their first year itself.

For a successful startup we require 4 elements:

- Idea
- Team
- Business Model

Execution Plan Different initiatives under Start up India and Make In India are:

- PLI Scheme extended to 11 sectors including Medical Devices Industry
- 11 new schemes to promote MSME in India. Support includes technology upgradation, innovation, skill enhancement, rural employment etc
- Establishment of Manufacturing zones
- CSR funds via Incubation centers for startups and MSME

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



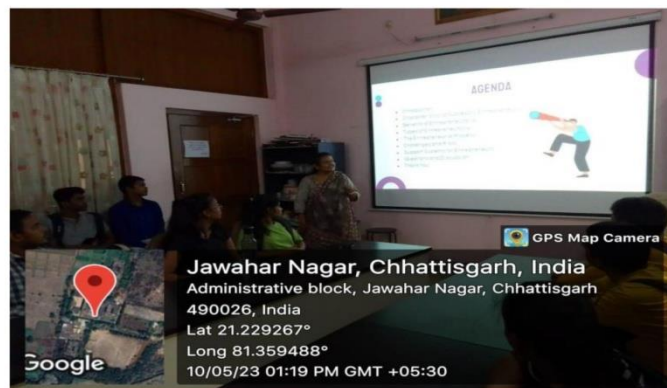
Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bilhali

If You Aim High, We Provide The Means



Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means



Jawahar Nagar, Chhattisgarh
Administrative block, Jawahar Nagar, Ch
490026, India
Lat 21.229267°
Long 81.359488°
10/05/23 01:18 PM GMT +05:30

Jawahar Nagar, Chhattisgarh
Administrative block, Jawahar Nagar, Ch
490026, India
Lat 21.229267°
Long 81.359488°
10/05/23 01:18 PM GMT +05:30

Jawahar Nagar, Chhattisgarh
Administrative block, Jawahar Nagar,
490026, India
Lat 21.229267°
Long 81.359488°
10/05/23 01:19 PM GMT +05:30

Jawahar Nagar, Chhattisgarh
Administrative block, Jawahar Nagar,
490026, India
Lat 21.229267°
Long 81.359488°
10/05/23 01:18 PM GMT +05:30

Criterion 3

QIM 3.2.1. Ecosystem for Innovations



Established In 1998

CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

If You Aim High, We Provide The Means

SL. NO.	LIST OF PARTICIPANTS	FACULTY & STUDENTS
1	Dr. Achala Jam	SPEAKER
2	Fr. Dr. P.S.Varghese	EVC
3	Dr. DIPALI SOREN	Principal
4	Dr. ARCHANA CHOWDHURY	FACULTY
5	Dr. Shaileendra Verma.	FACULTY
6	Mr. PRAVEEN SINGH RATHORE	FACULTY
7	Dr. PREETI NANDKUMAR	FACULTY
8	Ms SHIKHA AGRAWAL	FACULTY
9	Mr. PRASHANT BAWANEY	FACULTY
10	Mr. RADHESHYAMH GAJGHAT	FACULTY
11	KUNAL DEVDAS	CSE
12	Mayank	CSE
13	NAFIYA KHAN	CSE
14	NAMRATA KUMARI SHARMA	CSE
15	NEEL KANTH	CSE
16	OMKAR MISHRA	CSE
17	SAGAR YADAV	MECH
18	Akh Niranjan	MECH
19	Aman Ukey	MECH
20	Amit salu	MECH
21	Ankush kumar	MECH
22	ATUL HIRWANI	MECH
23	ASHWANI KUMAR PANDEY	EE
24	BHARTI JENA	EE
25	Dewanshu Ghatode	EE
26	HARBHAJAN BAGHEL	EE
27	Himanshu Sharma	EE
28	Nikita	EE
29	ASHISH SONI	ET & T
30	HARSH TARONE	ET & T
31	KOMAL PRASAD	ET & T
32	NIHAL SHARMA	ET & T
33	AVINASH EKKA	ET & T
34	AMIT KUMAR	ET & T
35	AMIT KUMAR YADAV	MTECH
36	Kunal Anant	MTECH
37	Lokesh Patel	MTECH
38	NIKHIL KUMAR VERMA	MTECH
39	SHALINI	MTECH

Criterion 3

QIM 3.2.1. Ecosystem for Innovations