



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



QLM 6.5.1

INTERNAL QUALITY ASSURANCE CELL (IQAC) HAS CONTRIBUTED SIGNIFICANTLY FOR INSTITUTIONALIZING THE QUALITY ASSURANCE STRATEGIES AND PROCESSES. IT REVIEWS TEACHING LEARNING PROCESS, STRUCTURES & METHODOLOGIES OF OPERATIONS AND LEARNING OUTCOMES AT PERIODIC INTERVALS AND RECORDS THE INCREMENTAL IMPROVEMENT IN VARIOUS ACTIVITIES

Criterion 6

QIM 6.5.1 IQAC Initiatives



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2	List of STTPS / FDPs organized on institute level for teaching staff with sample report
3	Induction Program
4	List of Training program for Non teaching staff with sample report
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6	Research Proposal to AICTE/CCOST
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Criterion 6

QIM 6.5.1 IQAC Initiatives



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IQAC ACTION PLAN

Criterion 6

QIM 6.5.1 IQAC Initiatives



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

IQAC Cell

Action Plan (July2022 - June2023)

S.No	Area	Proposed Plan
1	Curriculum related	Conducting add on course
		Conducting Bridge course for first semester students
		Guest lecture, seminar or webinar
		Project work in 5 th and 7 th semester
		Vocational training after 4 th sem and 6 th sem.
2	Academic section related	Conduct of internal evaluation, class test
		Internal assessment by all departments.
3	Research and Innovation related	Publishing the CCET journal
		Conducting the International conference Technologia.
		Faculties to publish paper in conferences and journals.
4	Extension Services	Conduct of NSS activities
		Collaborative activities for faculties and students
5	Training and Placement related	Conducting career development programs.
		Approaching companies for placement
6	Student support	Redressal of student grievances
		Conducting skill enhancement programs
		Conducting career guidance programs
		Conducting Alumni interaction
7	Governance and management	Creating and implementing academic and

P. Debnath



CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY, Kailash Nagar, Bhilai

		administrative policies and plan.
		Implementation of e-governance in the areas of administration, accounts and library
		Adopting measures for welfare of teaching and nonteaching staff.
		Implementing the performance appraisal for staff effectively.
		Complete the process of ISO certification.
		Faculty empowerment programs for Teaching faculties.
8	Institutional values and best practices.	Promoting the environment for harmony towards cultural, religion, socioeconomic and other diversity.
		Celebrate national and international days and events.
		Organize awareness programs and various camps.
		Maintain green campus
		Reduce waste generation.
		Conducting Faculty development programs for teaching and non-teaching and Technical assistant development programs.

[Signature]
IQAC Coordinator

[Signature]
Principal

Copy to:

- * Honorable Chairman
- * HOD (Mech./CSE/Elect./Electro & Tel.) & 1st Year I/c

- * Executive Vice Chairman
- * Administrative Office

* Bursar

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LIST OF STTPS / FDPs ORGANIZED ON INSTITUTE LEVEL FOR TEACHING STAFF WITH SAMPLE REPORT

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ABOUT THE INSTITUTE

Christian College of Engineering and Technology (CCET) was established by **Late Lamented Bishop H.G. Dr. Stephanos Mar Theodosius** in 1998. It has a world-class campus with lush green and well-manicured lawns spread all around and peaceful atmosphere which provides an ideal setting for an intensive learning experience. It is approved by All India Council for Technical Education (AICTE) and affiliated to Chhattisgarh Swami Vivekananda Technical University (CSVTU), Bhilai (C.G.). It offers four years UG courses in Mechanical Engineering, Computer Science & Engineering, Electronics & Telecommunication Engineering, Electrical Engineering; and two years PG courses in CAD/CAM & Robotics in Mechanical Engineering, Nanotechnology in Electronics & Telecommunication Engineering and High Voltage in Electrical Engineering. The institute always endeavors to be in research, training, collaborations & projects and for opening more avenues for training and employments of its students.

ABOUT BHILAI

CCET is located at Bhilai, a compact industrial township in the Indian state of Chhattisgarh. The area surrounding Bhilai is vibrant hub of heavy engineering and cement manufacturing units, and Bhilai itself is perhaps best known for the Steel Authority of India Limited – Bhilai Steel Plant, one of the world's premier integrated steel manufacturing units. Bhilai is extremely well connected to all parts of India by Rail network, and the nearest Airport is at a distance of merely 40 Kms in Raipur, the capital of Chhattisgarh State. Historically Bhilai has been known for a very cosmopolitan makeup of population allowing students from any part of the country to blend in comfortably into its cultural & social backdrop and also known for its good academic environment and excellent schools and colleges.

ABOUT THE DEPARTMENT

The Mechanical Engineering Department came into existence in the year 1998. The department offers **BTech in Mechanical Engineering** and **MTech in CAD/CAM & Robotics**. The department is rich in its faculty as well as infrastructure. It has laboratory and workshop facilities with modern sophisticated equipments to carry out the practical and research work. The faculties are actively involved in various prestigious sponsored/consultancy projects from CGCOST, CSVTU under TEQUIP and other reputed government organizations. The department has been accredited by NBA second time for a period of 2018-19 to 2020-21.

ABOUT THE FDP

3D printing, also known as additive manufacturing, is a process by which physical objects are created by depositing materials in layers based on a digital model. All 3D printing processes require software, hardware and materials to work together. 3D printing technology can be used to create everything from prototypes and simple parts to highly technical final products such as aero-plane parts, eco-friendly buildings, life-saving medical implants and even artificial organs using layers of human cells. This technology empowers the innovators with enormous design freedom and emerges as a key technology for manufacturing customized products. This FDP will impart knowledge and skills related to 3D printing technologies, design approaches for 3D printing, selection of material and equipment. Participants will also be benefited from live experience, knowledge sharing by the industrial and academic experts.



**AICTE TRAINING AND LEARNING
(ATAL) SPONSORED
ONLINE FACULTY DEVELOPMENT
PROGRAM ON
3D PRINTING & DESIGN**

DECEMBER, 14 - 18, 2021

ORGANIZED BY

DEPARTMENT OF MECHANICAL ENGINEERING

Christian College of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to CSVTU, Bhilai)

Kailash Nagar, Industrial Estate PO

Bhilai – 490 026, India



Criterion 6

QIM 6.5.1 IQAC Initiatives

**CHIEF PATRON****Dr. Joseph Mar Dionysius**

Chairman, CCET, Bhilai

PATRONS**Fr. George C. Varughese**

Executive Vice Chairman, CCET, Bhilai

Dr. (Mrs.) Dipali Soren

Principal, CCET, Bhilai

HEAD OF DEPARTMENT**Dr. P. S. Rao**

Professor, Dept. of Mech. Engg.

COORDINATOR**Dr. Radheshyam H. Gajghat**

Professor, Dept. of Mech. Engg.

Email: radhegaj@gmail.com

WhatsApp No.: 92294 86034

CO-COORDINATOR**Mr. Ganpat Rakesh**

Assistant Professor, Dept. of Mech. Engg.

Email: ganpat123@gmail.com

WhatsApp No.: 88275 96111

TARGETED PARTICIPANTS

The faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/School Teachers and staff of host institutions.

OBJECTIVES OF THE FDP

- Impart the knowledge and skills related to 3D printing technologies
- Explain current and emerging 3D printing applications in a variety of industries
- Describe the advantages and limitations of each 3D printing technology
- Evaluate real-life scenarios and recommend the appropriate use of 3D printing technology
- Identify challenges and create opportunities to apply 3D printing technology for time and cost savings

CONTENTS TO BE COVERED

- Introduction to 3D Printing
- Data Formats & CAD for 3D Printing
- Additive Manufacturing Techniques
- 3D Printer Components
- Identification of Products & Techniques
- Materials for 3D Printing
- Product Orientation and Topology
- Process Parameters
- Post Processing Techniques
- Design & Development of low-cost 3D Printers
- Applications of 3D Printing: Bio-Medical, Automotive, Aerospace, Art & Jewellery, Fashion etc.
- Additive Manufacturing of Flexible Devices
- Demo of 3D Printing

GUIDELINES

- No registration fee for participants.
- Participants will be selected on first-come first-serve basis.
- A test shall be conducted by the coordinator at the end of the program.
- The certificates shall be issued by ATAL Academy to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.
- Registration is online through ATAL portal.
- The entire programme will be conducted through online mode. The details of online platform and meeting link will be communicated to the selected participants through their registered email.




REGISTRATION LINK<https://atalacademy.aicte-india.org/signup>**RESOURCE PERSONS**

Experts are invited from IITs, NITs, ARCI and other reputed institutions of India.

SCHEDULE

Date/Time	9:30 AM - 11:30 AM	12:00 NOON - 2:00 PM	3:00 PM - 5:00 PM
14/12/2021	Inauguration & Session - 1	Session - 2	Session - 3
15/12/2021	Session - 4	Session - 5	Session - 6
16/12/2021	Session - 7	Session - 8	Session - 9
17/12/2021	Session - 10	Session - 11	Session - 12
18/12/2021	Session - 13	Session - 14	Feedback & Assessment








AICTE TRAINING AND LEARNING (ATAL) SPONSORED ONLINE FACULTY DEVELOPMENT PROGRAM ON 3D PRINTING & DESIGN

DECEMBER, 14 - 18, 2021

ORGANIZED BY

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MEDIA COVERAGE
ATAL FDP ON 3D PRINTING & DESIGN
(14/12/2021 TO 18/12/2021)
INAUGURAL FUNCTION
Central Chronicle News, Raipur

Online FDP on 3D Printing & Design inaugurated in CCET

Central Chronicle News

Bhilai, Dec 14: A five-day long online faculty development programme is being organised by Department of Mechanical Engineering, Christian College of Engineering & Technology under ATAL Scheme on the topic, 3D Printing & Design from December 14 to 18, 2021. Forty such programmes have started simultaneously and are being conducted by various prominent organisations of India engaging distinguished experts from academia, industry research organisations from within the country and abroad. A common online Inaugural Ceremony was organised by ABCTE on December 14, 2021. Prof. Pramod M. Padole, Director, VNIT Nagpur graced the occasion as Chief Guest. Prof. Pooja, Vice-Chairman, AKTE and Arun T. Ramchandani, Executive VP, LAT Defence Business were the Special Guests and the Prof. Padole emphasised the necessity of collaboration between medical professionals and engineers to develop implants and medical equipment for the betterment of mankind. He also suggested technologies in rural area and agricultural sector to improve the living standard of rural people. Ramchandani advocated the association of research labs and industries to commercialise the new developed products. This FDP was inaugurated on Dec 14, 2021 at an online level virtually by lighting the lamp with Saraswati Vandana. Rev. P. Ratan John, Executive Vice Chairman expressed the hope of big changes in the world and lowering the manufacturing cost of products due to the use of emerging technologies. Dr. Dipali Soren, Principal explained how 3D printing technologies are advantageous as compared to traditional technologies. On the first day of the FDP, Dr. Soumya Gangopadhyay, IIT Bhilai, Manish Tak, ACEE, Hyderabad and Dr. Jagadish, NIT Raipur delivered the talks on 'Introduction to 3D Printing, Thermal Energy Deposition and Repair & Refurbishment' and 'Materials for 3D Printing' respectively. At start of the program, Dr. P. N. Rao, HOD, welcomed all the dignitaries and participants and gave a brief introduction of the institute. Dr. BH. Gargash, Coordinator, conducted the program and proposed the vote of thanks. His Grace, Dr. Joseph Mar Dionysius, Chairman, congratulated the coordinator for organising the ATAL FDP and gave best wishes to all the participants participated from all over India.



Navbharat, Raipur

सीसीईटी में 3डी प्रिंटिंग और डिजाइन पर ऑनलाइन एफडीपी का उद्घाटन

www.navbharat.raipur

मैकेनिकल इंजीनियरिंग विभाग, क्रिश्चियन कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी, भिलाई द्वारा एटीएल (अटल) योजना के तहत 3 डी प्रिंटिंग एंड डिजाइन विषय पर पांच दिवसीय ऑनलाइन संकाय विकास कार्यक्रम आयोजित किया जा रहा है। ऐसे चालीस कार्यक्रम एक साथ शुरू हुए हैं और भारत के विभिन्न प्रमुख संगठनों द्वारा देश और विदेश के अकादमिक, उद्योग, अनुसंधान संगठनों के विशिष्ट विशेषज्ञों को शामिल करके संचालित किया जा रहा है।

13 दिसंबर को एआईसीटीई द्वारा एक आम ऑनलाइन उद्घाटन समारोह का आयोजन किया गया था। प्रो प्रमोद एम पटोले, निदेशक, एआईसीटीई



नागपुर मुख्य अतिथि के रूप में इस अवसर पर उपस्थित थे। प्रो एम पी पटोले, उपाध्यक्ष, एआईसीटीई और अरुण टी रामचंद्रानी, कार्यकारी

धीरे, एलएंडटी डिफेंस बिजनेस क्रमशः विशिष्ट अतिथि और विशिष्ट अतिथि थे। प्रोफेसर पटोले ने मानव जाति का बेहतरीन के लिए प्रत्यारोपण और चिकित्सा उपकरणों को विकसित करने के लिए चिकित्सा पेशेवरों और इंजीनियरों के बीच सहयोग की आवश्यकता पर जोर दिया। रामचंद्रानी ने नए विकसित उत्पादों के व्यावसायिकरण के लिए अनुसंधान प्रयोगशालाओं और उद्योगों के सहयोग की

वकालत की। इस एफडीपी का उद्घाटन 14 दिसंबर को किया गया। कार्यकारी उपाध्यक्ष रेव फादर क्रिश्चियन जॉन ने उभरती प्रौद्योगिकियों के उपयोग के कारण दुनिया में बड़े बदलाव और उत्पादों की निर्माण लागत कम होने की उम्मीद व्यक्त की। टीफाली सोरेन, प्रिंसिपल ने बताया कि पारंपरिक तकनीकों की तुलना में 3डी प्रिंटिंग तकनीक कैसे फायदेमंद है।

एफडीपी के पहले दिन डॉ सौम्य गंगोपाध्याय, आईआईटी भिलाई, मनीष टाक, एसीआर आई, हैदराबाद और डॉ जगदीश, एनआईटी रायपुर ने 3 डी प्रिंटिंग का परिचय, निर्देशित ऊर्जा जमा और मरम्मत और नवीनीकरण और 3डी प्रिंटिंग मटेरियल पर क्रमशः चर्चा की।



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Asal Bat News, Bhilai

भिलाई > सीसीईटी में उडी प्रिंटिंग और डिजाइन पर ऑनलाइन एफडीपी का उद्घाटन

सीसीईटी में उडी प्रिंटिंग और डिजाइन पर ऑनलाइन एफडीपी का उद्घाटन

Asal bat December 20, 2021

भिलाई।**असल बात न्यूज़।।**

मेकेनिकल इंजीनियरिंग विभाग, क्रिश्चियन कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी, भिलाई द्वारा एटीएल (अटल) योजना के तहत 14 से 18 दिसंबर तक 'उडी प्रिंटिंग एंड डिजाइन' विषय पर पांच दिवसीय ऑनलाइन संकाय विकास कार्यक्रम आयोजित किया गया। ऐसे वार्षिक कार्यक्रम एक साथ शुरू हुए हैं और भारत के विभिन्न प्रमुख संगठनों द्वारा देव और विदेश के अकादमिक, उद्योग, अनुसंधान संगठनों के विशिष्ट विशेषज्ञों को शामिल करके संचालित किया जा रहा है। एआईसीटीई द्वारा एक आम ऑनलाइन उद्घाटन समारोह का आयोजन किया गया।

कार्यक्रम में प्रो प्रमोद एम पडोले, निदेशक, वीएनआईटी नागपुर मुख्य अतिथि के रूप में इस अवसर पर उपस्थित थे। प्रो एम पी पुनिया, उपाध्यक्ष, एआईसीटीई और श्री अरुण टी रामचंद्रानी, कार्यकारी वीपी, एलएचटी डिफेंस बिजनेस क्रमशः विशिष्ट अतिथि और विशिष्ट अतिथि थे। प्रोफेसर पडोले ने मानव जाति की बेहतरी के लिए प्रत्यारोपण और चिकित्सा उपकरणों को विकसित करने के लिए चिकित्सा पेशेवरों और इंजीनियरों के बीच सहयोग की आवश्यकता पर जोर दिया। उन्होंने ग्रामीण लोगों के जीवन स्तर में सुधार के लिए ग्रामीण क्षेत्र और कृषि क्षेत्र में उन्नत तकनीकों के उपयोग का भी सुझाव दिया। श्री रामचंद्रानी ने नए विकसित उत्पादों के व्यावसायीकरण के लिए अनुसंधान प्रयोगशालाओं और उद्योगों के सहयोग की वकालत की।

इस एफडीपी का उद्घाटन को संस्थान स्तर पर सरस्वती वंदना से दीप प्रज्वलित कर किया गया। कार्यकारी उपाध्यक्ष रेव फादर कुरियन जॉन ने उभरती प्रौद्योगिकियों के उपयोग के कारण दुनिया में बड़े बदलाव और उत्पादों की निर्माण लागत कम होने की उम्मीद व्यक्त की। दीपाती सोरेन, प्रिंसिपल, ने बताया कि पारंपरिक तकनीकों की तुलना में उडी प्रिंटिंग तकनीक कैसे फायदेमंद है। एफडीपी के पहले दिन डॉ सोम्य गंगोपाध्याय, आईआईटी मिलाई, श्री मनीष टाक, एसीआरआई, हैदराबाद और डॉ जगदीश, एनआईटी रायपुर ने 'उडी प्रिंटिंग का परिचय', 'निर्देशित ऊर्जा जमा और मरम्मत और नवीनीकरण' और 'उडी प्रिंटिंग मटेरियल' पर क्रमशः वार्ता की। कार्यक्रम की शुरुआत में विभागाध्यक्ष डॉ पी एस राव ने सभी गणमान्य व्यक्तियों और प्रतिभागियों का स्वागत किया और संस्थान का संक्षिप्त परिचय दिया। कार्यक्रम का संचालन समन्वयक डॉ आर एच गजधर ने किया और धन्यवाद प्रस्ताव रखा। महामहिम डॉ. जोसेफ मार हायोनिमियस, अध्यक्ष, ने एटीएल (अटल) एफडीपी के आयोजन के लिए समन्वयक को बधाई दी और पूरे भारत से भाग लेने वाले सभी प्रतिभागियों को शुभकामनाएं दीं।

**Criterion 6****QIM 6.5.1 IQAC Initiatives**



CONCLUDING FUNCTION

Central Chronicle, Raipur

ATAL FDP on 3D Printing & Design concludes at CCET



Bhilai, Dec 21:

One week online faculty development programme on '3D Printing & Design', organised by Department of Mechanical Engineering, Christian College of Engineering & Technology, under ATAL Scheme, concluded on December 18, 2021. During the last five days total 14 sessions were conducted, out of which 13 sessions were technical and one session was on stress management. All the sessions were taken by the renowned experts from IIT Roorkee, IIT Bhilai, MNNIT Prayagraj, VNIT

Nagpur, NIT Warangal, NIT Raipur, ACRI Hyderabad, Integrated Microsystem, Gurgaon, SUTD Singapore and other reputed organizations of India and abroad. These all sessions were excellent and very useful to the participants for their professional carrier growth. These sessions covered the topics related to latest advancements in 3D Printing technologies, materials used and their applications in aerospace, automobile, healthcare and other sectors. 3D Printing techniques are gradually becoming popular in various areas of ap-

plications due to its ability to manufacture complex parts economically and quickly. Initially these techniques were used only for limited applications such as pattern making and prototype design due to material constraints but now days due to the use of metal as raw material their applications are increasing tremendously. Also it opens the doors for new entrepreneurs to start their new ventures.

At the end of the program, Dr PS Rao, Head of Department, gave the concluding remark on this one week FDP and Dr RH Gajghat, Coordinator, proposed the vote of thanks. His Grace Dr Joseph Mar Dionysius, Chairman, Rev Fr Kurian John, Executive Vice Chairman and Dr Dipali Soren, Principal, appreciated the organisers for organising the FDP very nicely and systematically and congratulated the participants for their active participation and successful completion of the FDP.



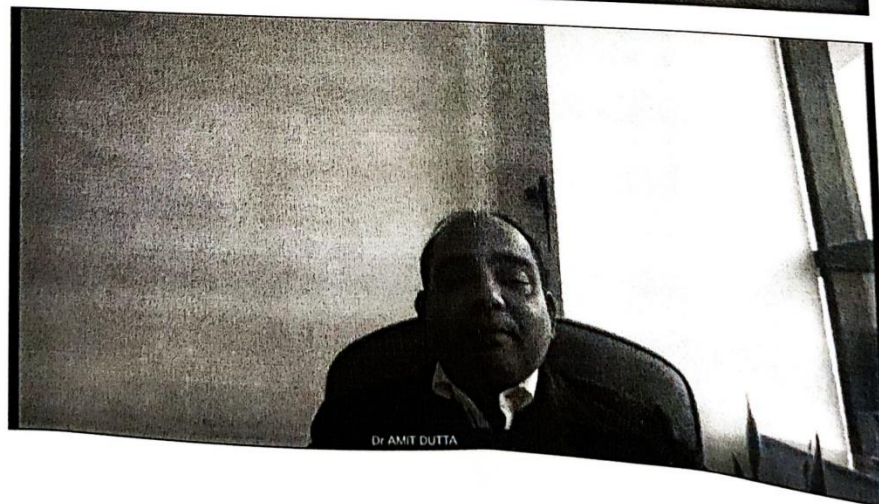
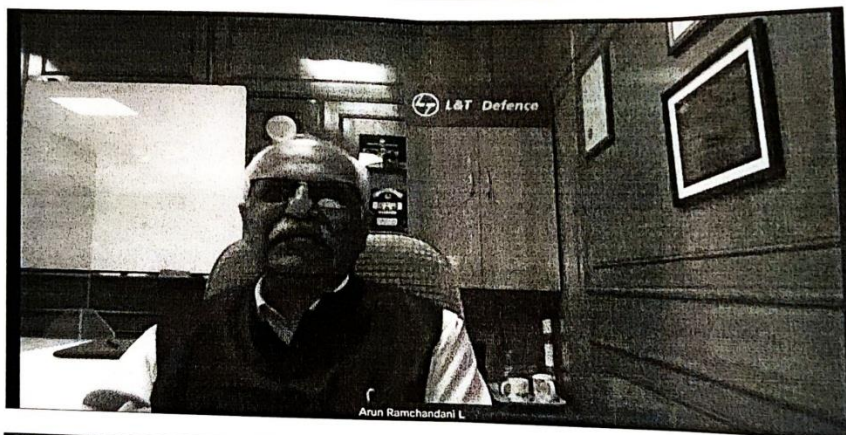
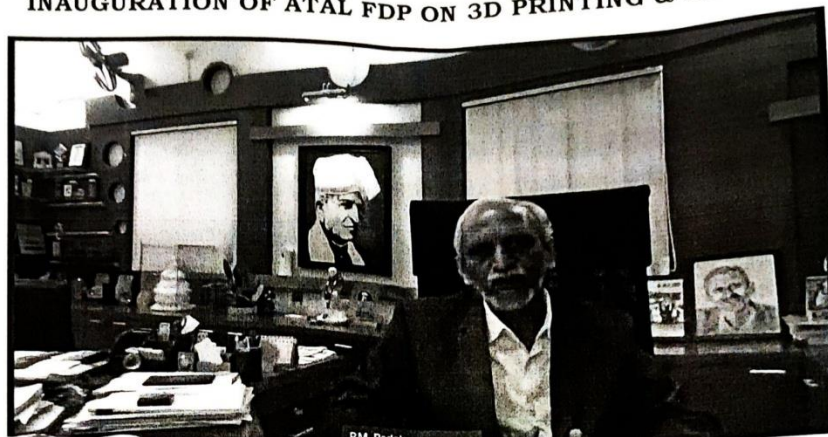
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If You Aim High, We Provide The Means

INAUGURATION OF ATAL FDP ON 3D PRINTING & DESIGN



Criterion 6

QIM 6.5.1 IQAC Initiatives



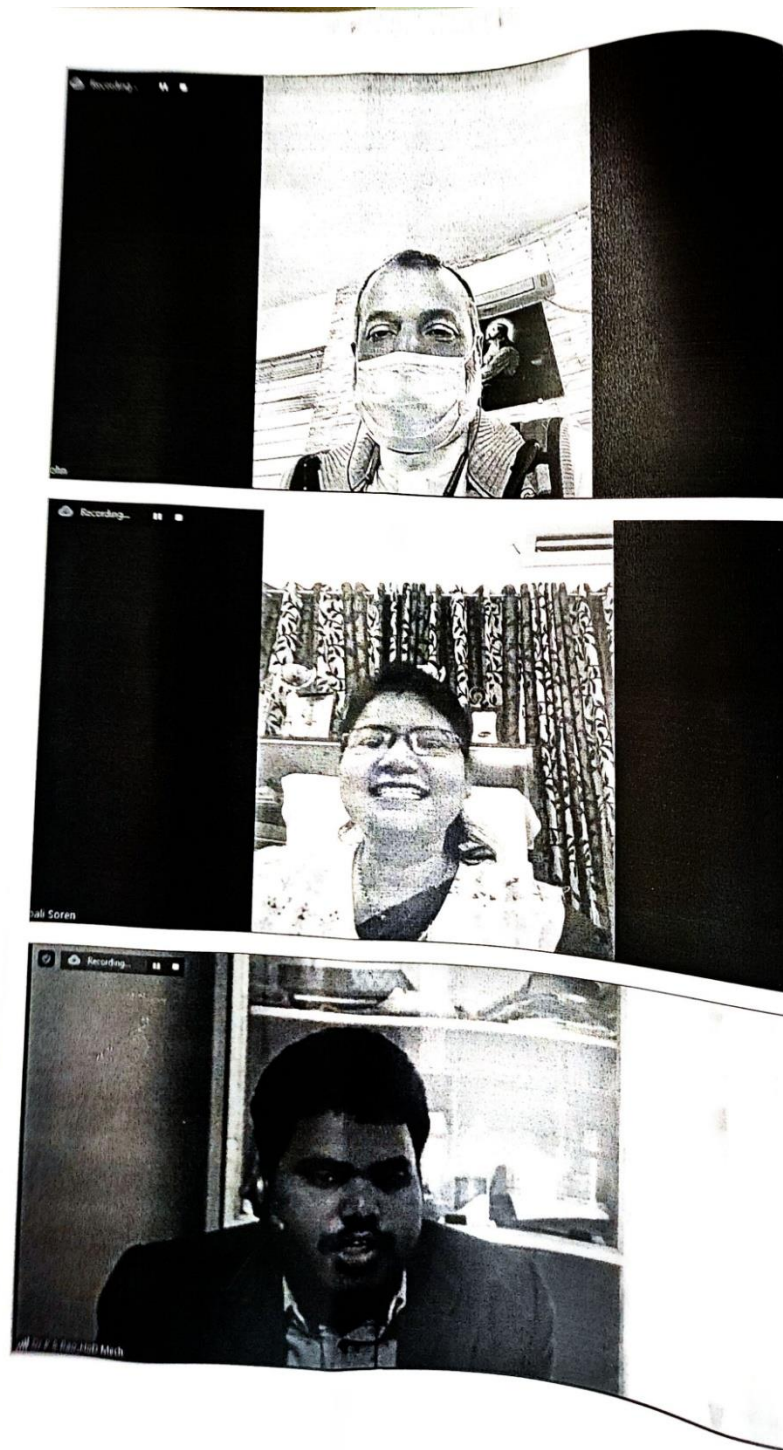
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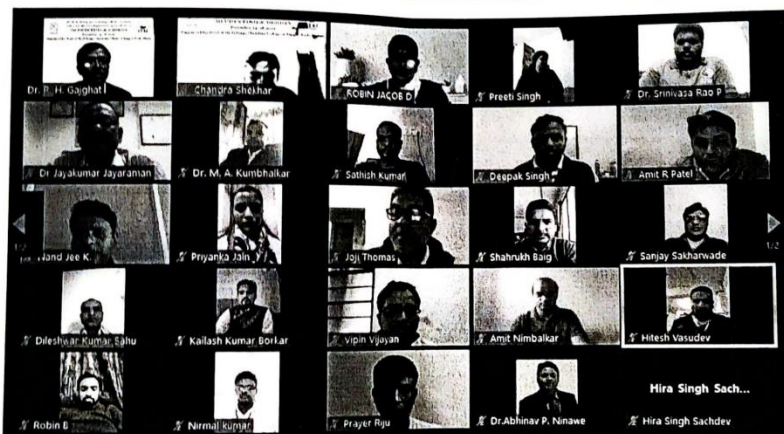
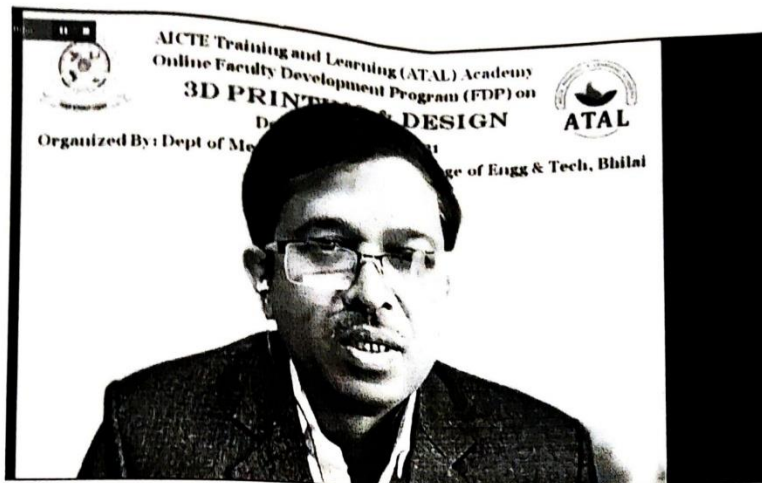
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SESSIONS DELIVERED FROM 14/12/2021 TO 18/12/2021

AM: Main Process Steps


Creation of supports and fit along with Algeps solvent (Courtesy of Materialise)

Laser beam melting operation (Courtesy of EOS)

Powder bed in the platform after powder removal (Courtesy of BCCD website)

Powder bed in the platform after powder removal (Courtesy of BCCD website)

Dr. S. Gangadhar, IIT Madras



Dr. Soumya

EBAM

- It is a Direct Energy Deposition process using Wire and Electron Beam
- Gross deposition rates range from 7 to 25 lbs. (3.18 to 11.34 kg) of metal per hour
- Excellent technology for large components and repair.
- Components as large as 2.5m diameter can be manufactured
- Dual wire technology can mix two different alloys in single melt pool to create custom alloy or create a graded structure
- Closed loop control technology for ensured repeatability

Dr. Manish Tak

Working Principle of AM

1. CAD Model

2. STL file of CAD model

3. File transfer to Machine

4. Machine setup

5. Building of model

6. Remove physical Model

7. Post-Processing

8. Application of Object

Fig. - Working Principle of AM

Dr. Jagadish



your search term

Three elements must come together to create successful innovation

12/15/2021

Sardar Patel College of Engineering, Mumbai

Dr. Sudhakar Umale

Additive Manufacturing: Key to the 04th Industrial Revolution

AM systems will produce US\$2 trillion worth of parts and end products by 2030

Dr. Y. Ravi Kumar
Associate Professor
Dept. of Mechanical Engineering
IIT Varanasi, India

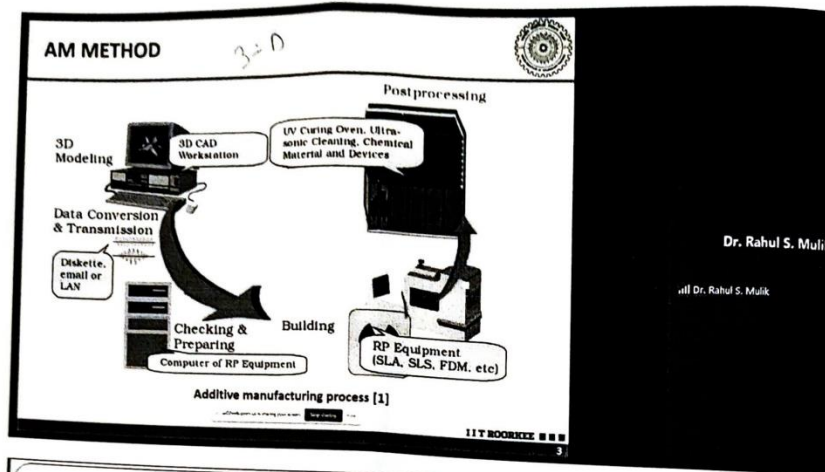
Introduction

Low End : Graduation

High End: Post Graduation/PhD (Research)

Criterion 6

QIM 6.5.1 IQAC Initiatives



Various Post-processing Steps

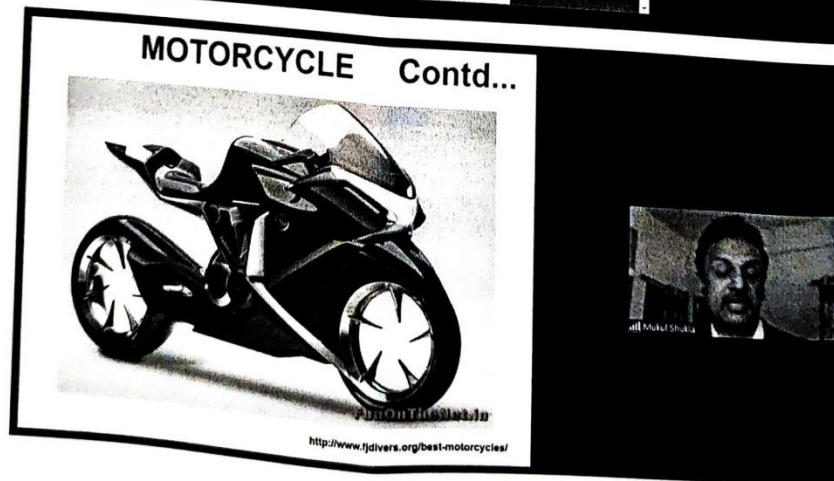
1. Heat Treatment

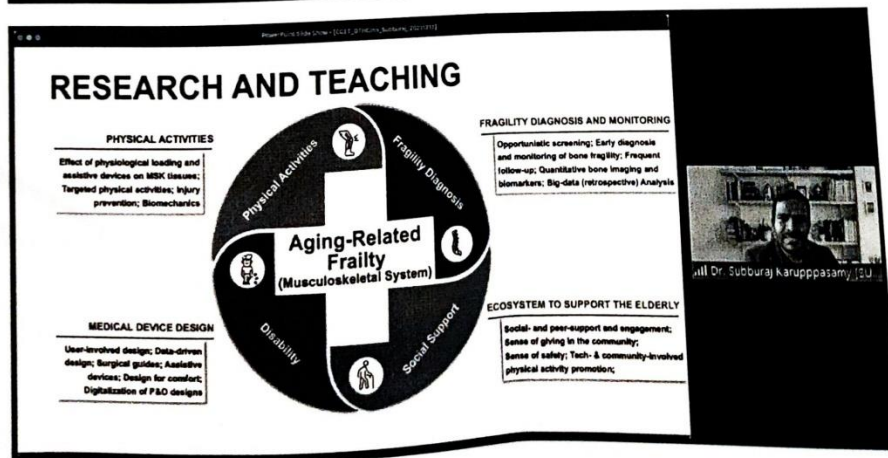
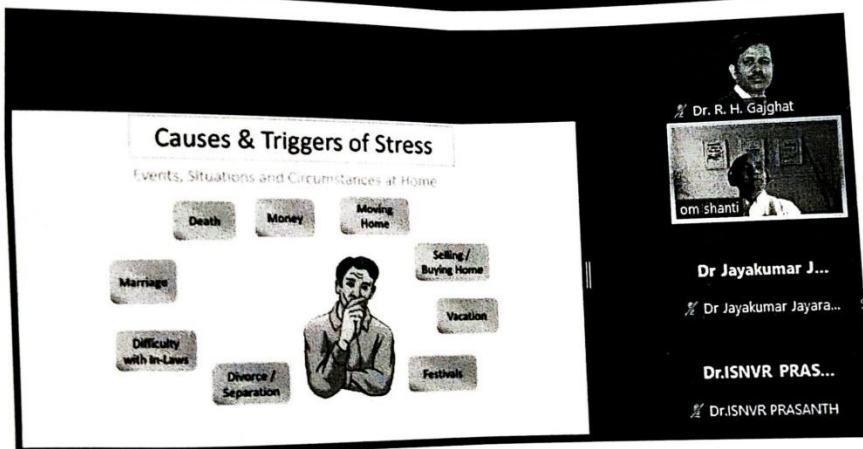
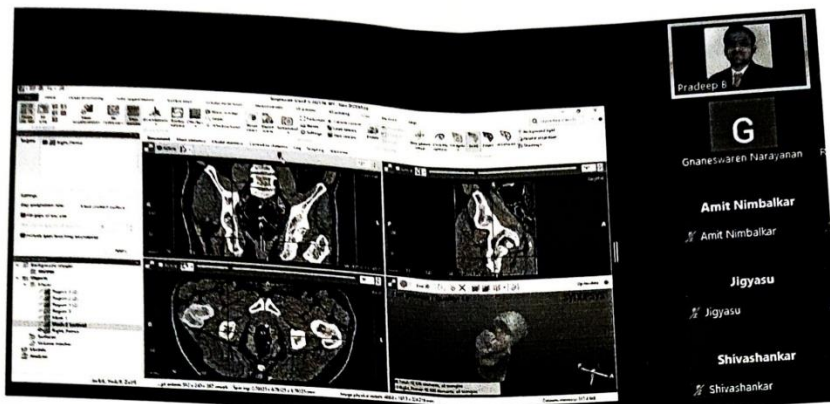
- Several 3D printed metal parts require a heat-treatment solution with precise temperature uniformity.
- To avoid major distortion, metal 3D printed parts are usually stress relieved together with the build platform and heat-treated after being cut off from the build platform.
- The benefits of heat treatment lie in its ability to reduce surface contamination and to maximize mechanical properties.

Dr. R. H. Gaighat, CCTE, BILAI

16-12-2021

Dr. R. H. Gaighat





Criterion 6

QIM 6.5.1 IQAC Initiatives



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ORAL FEEDBACK ON 3D PRINTING & DESIGN



Criterion 6

QIM 6.5.1 IQAC Initiatives



Links for Recorded Videos of All the Sessions

(<https://www.youtube.com/user/radhegaj/videos>)

Day 01 Date: 14/12/2021

Session 1: "Introduction to 3D Printing" by Dr. Soumya Gangopadhyay, IIT Bhilai

<https://youtu.be/UsHA6zg9n2w>

Session 2: "Directed Energy Deposition and Repair & Refurbishment" by Mr. Manish Tak, ACRI Hyderabad

<https://youtu.be/DaSmkO4R4wA>

Session 3: "Materials for 3D Printing" by Dr. Jagadish, NIT Raipur

<https://youtu.be/uey2PUgWA7s>

Day 02 Date: 15/12/2021

Session 1: "Understanding Design Thinking Approach in 3D Printing" by Dr. Sudhakar Umale, Sardar Patel College of Engg. Mumbai

<https://youtu.be/aBiaydDgC-4>

Session 2: "Applications of 3D Printing in Aviation Industry" by Dr. Y. Ravi Kumar, NIT Warangal

<https://youtu.be/8QAzZnKZVgw>

Session 3: "3D Printing in Innovative Medical Devices" by Dr. Abhaykumar M. Kuthe, VNIT Nagpur

<https://youtu.be/AdxBZnMfEG4>

Day 03 Date: 16/12/2021

Session 1: "GTAW Based Wire Arc Additive Manufacturing of Components" by Dr. Rahul S. Mulik, IIT Roorkee

<https://youtu.be/O2VWVYgtKSI>

Session 2: "Post Processing Techniques in 3D Printing" by Dr. Radheshyam H. Gajghat, Christian College of Engg & Tech, Bhilai

<https://youtu.be/vTG-VO1QW6M>



Session 3: “Rapid Tooling Industrial Applications of 3D Printing” by Dr. Y. Ravi Kumar, NIT Warangal

https://youtu.be/_Z5EtL2xHQo

Day 04 Date: 17/12/2021

Session 1: “Topology Optimization and Lattice Design for AM” by Dr. Mukul Shukla, MNNIT Allahabad, Prayagraj

<https://youtu.be/4kYgguQ3iB8>

Session 2: “Research in 3D Printing: Start-up Perspective” by Dr. Abhaykumar M. Kuthe, VNIT Nagpur

<https://youtu.be/J3YJhttoR18>

Session 3: “3D Image Processing, Model Generation and Biomedical 3D Printing Preparation” by Mr. Pradeep B., Integrated Microsystem, Gurgaon

<https://youtu.be/MGVtK2nucOU>

Day 05 Date: 18/12/2021

Session 1: “Managing Stress with Mental & Emotional Development” by Mr. Shioram Raoji Kawale, Kraum and Sprunk Technologies W.L.L. Bahrain

<https://youtu.be/PTfIsMIVshk>

Session 2: “Design for Healthcare Innovation” by Dr. Subburaj Karupppasamy, Singapore University of Technology & Design, Singapore

<https://youtu.be/MDnoL7kJ37E>

Session 3: Assessment & Feedback

<https://youtu.be/pAhIgMneG6c>

With regards,
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Mr. ROBIN JACOB D	robinjacob31@gmail.com	8136808797	CCET BHILAI	CHHATTISGARH
Mr. Sandeep Saha	sandeep.saha@bitraipur.ac.in	9713413413	Bhilai Institute of Technology Raipur	CHHATTISGARH
Mr. Sathishkumar V	sathishaspirant@gmail.com	9789323299	Sri Ramakrishna College of Arts and Science	CHHATTISGARH
Mr. SHAIKH ALIMODDIN NIZAM	alimoddinshaiikh@gmail.com	8149271380	JSPM NTC NARHE PUNE	TAMIL NADU
Mr. Sharukh Javed Baig	baigsj@gmail.com	9403926668	Anant Rao Pawar College of Engineering and	MAHARASHTRA
Mr. Sheetal Gajjalwar	sheetal@matsumiversity.ac.in	9827939588	MATS School of Engineering and IT Raipur C	CHHATTISGARH
Mr. Shital Shivaji Bhosale	sbhosale17@gmail.com	9511577703	JSPM NTC	MAHARASHTRA
Mr. SHIVASHANKAR R	shivashankarprf2021@gmail.com	8940734033	Sree Sakthi Engineering College	TAMIL NADU
Mr. SURAJ BANDHEKAR	bandhekaruraj012@gmail.com	9981063103	RCET, BHILAI	CHHATTISGARH
Mrs. Eva Gupta	evagupta695@gmail.com	7487051163	TSSM BSCOER Pune	MAHARASHTRA
Mrs. PREETI SINGH	sunopriti@rediffmail.com	9021115136	Pawar Public School Nandedcity Pune	MAHARASHTRA
Mrs. Sukanya R	sukanayarajendran18@gmail.com	8300308093	Saveetha Engineering College	TAMIL NADU



**Assessment Test Marks % & Attendance % of Participants
ATAL FDP on 3D Printing & Design at CCET, Bhilai (14-18/12/2021)**

Sr. No.	Salutation	Name	Marks %	DAY1	DAY2	DAY3	DAY4	DAY5	Total Atten	Atten %	Eligible for Certificate?
1	Mr.	AARLA NITHYAPOOJIAH	60	1	1	1	1	1	5	100	Yes
2	Dr.	ABHINAV PANDURANG NINAWA	62	1	1	1	1	1	5	100	Yes
3	Mr.	Adarsh Maurya	A	0	1	0	0	0	1	20	No
4	Mr.	AKHILESH YADU	60	1	1	1	1	1	5	100	Yes
5	Mr.	AMIT ANIL NIMBALKAR	60	1	1	1	1	1	5	100	Yes
6	Mr.	Amit Sarda	22	1	1	1	1	1	5	100	No
7	Mr.	Amitkumar Rambhai Patel	100	1	1	1	1	1	5	100	Yes
8	Dr.	Ankur Bhogayata	70	1	1	1	1	0	4	80	Yes
9	Dr.	ANOOP KUMAR TULI	62	1	1	1	1	0	4	80	Yes
10	Dr.	Anupriya	62	0	1	1	1	1	4	80	Yes
11	Mr.	Ashutosh Pratap Singh	A	0	0	0	0	0	0	0	No
12	Mr.	Chandra Shekhar Sahu	72	1	1	1	1	1	5	100	Yes
13	Dr.	Dattatraya V Bhise	88	1	1	1	1	1	5	100	Yes
14	Mr.	DEEPAK SINGH	60	1	1	0	1	1	4	80	Yes
15	Dr.	Devesh Shrivastava	A	0	0	0	0	0	0	0	No
16	Mr.	DILESHWAR KUMAR SAHU	62	1	1	1	1	1	5	100	Yes
17	Mr.	DINESH BABU G L	A	0	0	0	0	0	0	0	No
18	Mrs.	Eva Gupta	90	1	1	0	1	1	4	80	Yes
19	Dr.	Gadudasu BabuRao	A	0	0	0	0	0	0	0	No
20	Dr.	Ganpat Lal Rakesh	A	1	0	0	0	0	1	20	No
21	Dr.	HIMANSU S MOHANTY	A	0	0	0	0	0	0	0	No
22	Dr.	Hira Singh Sachdev	90	1	1	1	1	1	5	100	Yes
23	Dr.	Hitesh Vasudev	70	1	1	1	0	1	4	80	Yes
24	Mr.	IJOHN SOLOMON	70	0	1	0	0	1	2	40	No
25	Dr.	I S N V R PRASANTH PRASANTH	62	1	1	1	1	1	5	100	Yes
26	Dr.	Indresh Kumar Verma	62	1	1	0	1	1	4	80	Yes
27	Dr.	Jayakumar Jayaraman	64	1	1	1	1	1	5	100	Yes
28	Dr.	JOJI THOMAS	74	1	1	1	1	1	5	100	Yes
29	Mr.	Kailash Kumar Borkar	60	1	1	1	1	1	5	100	Yes
30	Miss	Keerthi	A	1	0	0	0	0	1	20	No
31	Mr.	Ketan Singh	A	0	0	0	0	0	0	0	No
32	Dr.	Kishor Shankar Rambhad	78	1	1	1	1	1	5	100	Yes
33	Dr.	Kripa M Suvarna	70	1	1	1	1	1	5	100	Yes
34	Miss	Kulbir Kaur	A	0	0	0	0	0	0	0	No
35	Dr.	KV Sunooj	A	0	0	0	0	0	0	0	No
36	Mr.	L Dharam singh	62	0	1	1	1	1	4	80	Yes
37	Mr.	LALIT KUMAR SAHIU	A	0	0	0	0	0	0	0	No
38	Dr.	Manmohan Singh Chauhan	A	0	0	0	0	0	0	0	No
39	Dr.	Manoj Arunrao Kumbhalkar	88	1	1	1	1	1	5	100	Yes
40	Mr.	Mayur Shelke	A	0	0	0	0	0	0	0	No
41	Mr.	N GNANESWARAN	72	1	1	1	1	1	5	100	Yes



**Assessment Test Marks % & Attendance % of Participants
ATAL FDP on 3D Printing & Design at CCET, Bhilai (14-18/12/2021)**

Sr. No.	Salutation	Name	Marks %	DAY1	DAY2	DAY3	DAY4	DAY5	Total Atten	Atten %	Eligible for Certificate?
42	Mr.	Nand Jee Kanu	86	1	1	1	1	1	5	100	Yes
43	Mr.	NILESH KUMAR SHARMA	70	1	1	1	1	1	5	100	Yes
44	Mr.	Nimbagal Vijaya Kumar	60	0	1	1	1	1	4	80	Yes
45	Mr.	NIRMALKUMAR S	60	1	1	1	1	1	5	100	Yes
46	Dr.	P SRINIVASA RAO	60	1	1	1	1	1	5	100	Yes
47	Mr.	Prashant Bharat Maitreya	62	1	1	0	1	1	4	80	Yes
48	Mr.	PRAYER RIJU R	78	1	1	1	1	1	5	100	Yes
49	Dr.	Preeti Nand Kumar	A	1	0	0	0	0	1	20	No
50	Mrs.	PREETI SINGH	62	1	1	1	1	1	5	100	Yes
51	Miss	Priyanka jain	60	1	1	1	1	1	5	100	Yes
52	Dr.	R VARA PRASAD KAVITI	64	1	1	1	1	1	5	100	Yes
53	Mr.	Rahul Chowdhury	A	0	0	0	0	0	0	0	No
54	Dr.	Rakesh Himte	A	0	0	0	0	0	0	0	No
55	Mr.	Ram Krishna	64	1	1	0	1	1	4	80	Yes
56	Mr.	ROBIN BABU	78	1	1	1	1	1	5	100	Yes
57	Mr.	ROBIN JACOB D	62	1	1	1	1	1	5	100	Yes
58	Mr.	Sandeep Saha	70	1	1	1	1	1	5	100	Yes
59	Dr.	Sandhya Pillai	A	1	1	0	0	0	2	40	No
60	Dr.	Sanjay G Sakharwade	68	1	1	0	1	1	4	80	Yes
61	Mr.	Sathishkumar V	62	0	1	1	1	1	4	80	Yes
62	Mr.	SHAIKH ALIMODDIN NIZAMODD	A	0	0	0	0	0	0	0	No
63	Mr.	Sharukh Javed Baig	88	1	1	1	1	1	5	100	Yes
64	Mr.	Sheetal Gajjalwar	66	1	1	1	1	1	5	100	Yes
65	Mr.	Shital Shivaji Bhosale	86	1	1	1	1	1	5	100	Yes
66	Mr.	SHIVASHANKAR R	60	1	1	1	1	1	5	100	Yes
67	Mrs.	Sukanya R	74	1	1	1	1	1	5	100	Yes
68	Mr.	SURAJ BANDHEKAR	60	1	1	1	1	1	5	100	Yes
69	Mr.	TAKESHWARI	A	0	0	0	0	0	0	0	No
70	Dr.	Vikas Kumar Sukhdeve	72	1	0	1	1	1	4	80	Yes
71	Dr.	Vipin Vijayan	78	1	1	1	1	1	5	100	Yes



Multiple Choice Questions for Assessment Test ATAL FDP on 3D Printing & Design at CCET, Bhilai (14-18/12/2021)						
Sr. No.	Question	Option A	Option B	Option C	Option D	Correct Option
1	Which type of file most commonly exported from CAD software?	SLDRT	JPG	STL	X3G	C
2	What is the first and foremost step in 3D image processing?	Segmentation	Image enhancement	Image acquisition	Image restoration	C
3 procedures partition an image into its constituents parts or objects.	Classification	Segmentation	Aggregation	Breaking up	B
4	In the working world, many fields are using 3D printing in some way. Which field is using 3D printing?	Medical field	Food, Baking field	Architectural field	All the above	D
5	Higher Grain size was obtained in	Last Built	Middle Built	Bottom Built	Can't say	A
6	Variation of hardness across the built surfaces is most likely due to	Process capabilities	Thermal History of Different builds	Moisture in the wire	Speed of the Table	B
7	The mechanical Properties obtained in the process are nearly	Isotropic	Orthotropic	Anisotropic	Transversly Isotropic	A
8	The height of the product produced depends upon	The Z axis movement of CNC table	The Movement of Adjustable slide	Both A and B	None of A and B	C
9	Which of the following RP technologies uses powders as the starting material?	Selective Laser Sintering	Stereolithography	Fused-Deposition Modeling	Droplet Deposition Manufacturing	A
10	A binder jetting 3D printer uses raw material as	Fine-grained powder, which are fused together using a binder	Wire from spool	Liquid polymer	None of above	A
	Which of the following raw material used for manufacturing of soft tooling using 3D printing process	Aluminum	Rubber, wax, silicone	Titanium material	None of the above	B
12	In 3D manufacturing STL file format stands for	Standardised Tessellation Limit	Standard Tooling Library	Standard Training Language	Standard Tessellation Language	D
13	Design for additive manufacturing depends upon	Part geometry	Material of product	Minimum wall thickness	All the listed above	D
14	"Design thinking is a way of thinking" is a quoted by	Mahatma Gandhi	Dr. A P J Abdul Kalam	Steve Jobs	Herbert Simon	D
15	Which of the following alloys is used for 3D printing of medical implants?	Copper alloy	Mild steel	Ti6Al4V	Inconel 718	C
16	Which of the following additive manufacturing techniques necessitates vacuum?	FDM	EBM	SLA	SLS	B

Criterion 6**QIM 6.5.1 IQAC Initiatives**



**Multiple Choice Questions for Assessment Test
ATAL FDP on 3D Printing & Design at CCET, Bhilai (14-18/12/2021)**

Sr. No.	Question	Option A	Option B	Option C	Option D	Correct Option
17	Which of the following is not fusion bed technique?	Direct energy deposition	Selective laser melting	Electron beam melting	Direct metal laser sintering	A
18	Which of the following statement is correct?	AM finds large application in steel industry	Process rate of AM is higher than Machining	Thinner the slices lower is the processing time in AM	AM produces lower volume of scrap than machining	D
19	Direct energy deposition can be utilised for	Mixing of different materials and build the component	Repair of aeroengine components	Deposition of functional graded materials	All of the above	D
20	Design thinking is a _____	Way of thinking about a design	Method and mindset to define, frame, and solve problems	Way to separate "thinking" from "making."	Curriculum for teaching non-designers the design	B
21	Design Thinking starts with _____	Sketching or prototyping with craft materials	Sticky notes or notecards	Empathy and an understanding of human needs	Identifying solutions for your problem	C
22	Design Thinkers create low-fidelity prototypes to _____	Test concepts quickly and cheaply with potential end-users	Validate concepts for the market	Build production-ready products	Estimate the price of production	A
23	Design Thinking is sometimes visualized as a linear process, but it is actually _____	Impactful Process	Incapacitating Process	International Process	Iterative Process	D
24	Who or what is at the center of the design thinking model?	The concept of innovation	The customer	The company	The product	B
25	What causes stress and How do you manage stress in your life?	Situation	People	Office	Change , expectations	D



**Multiple Choice Questions for Assessment Test
ATAL FDP on 3D Printing & Design at CCET, Bhilai (14-18/12/2021)**

Question	Option A	Option B	Option C	Option D	Correct Option
26 How do you control your reactions during day to day life?	Anger	Positive approach	Reactions	Let go	B
27 How do you manage your emotions intelligently during provocative situations?	No talk	Go away	Smile	Not to respond	D
28 How do you balance your mind in a crisis / adverse situation?	Silence	Checking	Music	Divert	A
29 What is meditation?	Sitting alone	No talk	Body posture	Connecting with source	D
30 Which material is not used in FDM process?	ABS	PLA	Metal	PVA	C
31 What does PLA stand for?	Polyster Liquid Acid	Ploylactic acid	Potential load acid	Polylactic augment	B
32 Bronze3D material used for	Aerospace	Jewellery	Automotive	Civil	B
33 Nylon temperature range is	210 to 250 °C	220 to 280 °C	350 to 400 °C	510 to 650 °C	A
34 PVA stands for	Polyvinyl alcohol	Polyvinyl agument	Polyvinyl acid	Polyvinyl aluminium	A
35 Following medical devices can be manufactured using 3D printing	Thermometer	CT scan machine	Orthopedic metallic implant	None of the above	C
36 Innovation using 3 D printing is best suited to following industries	Metal Casting	Sheet metal	Fabrication and Construction	None of the above	A
37 Manufacturing using 3D printing is best suited for	Mass production	Batch Production	Customized product	None of the above	C
38 3D printing is major component in	Industry 1.0	Industry 2.0	Industry 3.0	Industry 4.0	D
39 Which of the following is used for image based 3DP monitoring and control?	FEM	WAAM	CNN	LENS	C
40 Lattice designs are most widely used in modelling and 3DP of _____	Gas turbine blades	Aerospace parts	Automobile parts	Medical implants	D

Criterion 6

QIM 6.5.1 IQAC Initiatives



Multiple Choice Questions for Assessment Test ATAL FDP on 3D Printing & Design at CCET, Bhilai (14-18/12/2021)						
Sr. No.	Question	Option A	Option B	Option C	Option D	Correct Option
41	The leading commercial Structural Optimization software is	Optistruct	Ansys	Abaqus	n-topology	A
42	The following is not allowed in Topology Optimization	Geometric restrictions	Multi objective optimization	Constraints	Tearing and gluing	D
43	As per the ISO/ASTM 52900-15 standards, 3D Printing processes can be categorized in to how many groups	4	7	6	5	B
44	In which of the following situation the 3D Printing is more appropriate?	High product complexity and huge quantity	Medium product complexity and small quantity	High product complexity and small quantity	Medium product complexity and medium quantity	C
45	Typical percentage of weight saving in aircraft seat buckle through 3D printing optimized design over traditional design	95	55	5	15	B
46	What is the advantage of 3D Printing application in aviation?	Part consolidation	Optimized geometry	Light weight parts	All of these	A
47	Identify the most appropriate mass customizable application of 3D Printing	Medical	Automotive	Aerospace	All of these	A
48	Staircase effect is related with	Hardness	Surface finish	Ductility	All of these	B
49	Following is/are the internal defects in 3D printing parts:	Balling	Porosity	Thermal stress	All of these	D
50	In the solution heat treatment (SHT) process, the manufactured metal part is heated _____	Above the liquidus temperature	Above the solidus temperature	Above the solvus temperature	Above the Eutectic temperature	C



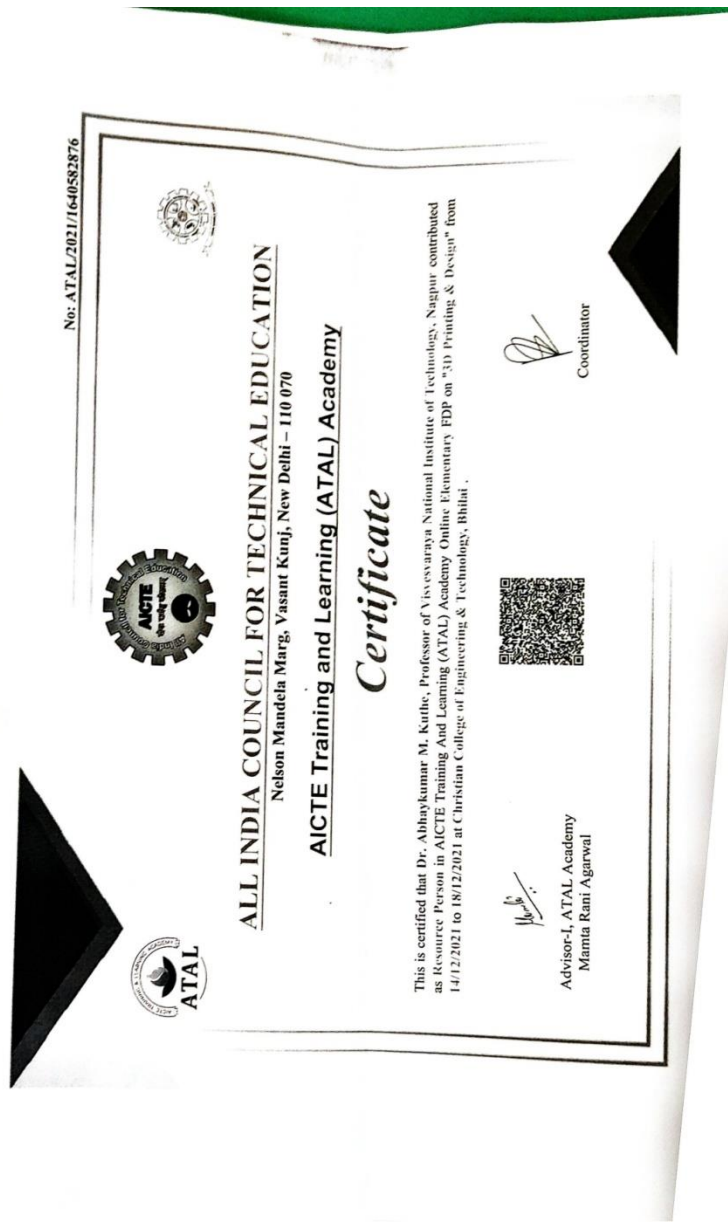
Established in 1998

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 6

QIM 6.5.1 IQAC Initiatives



No: ATAL/2021/1633705988



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Vikas Kumar Sukhdeve, Assistant Professor of polytechnic gariyaband participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "3D Printing & Design" from 14/12/2021 to 18/12/2021 at Christian College of Engineering & Technology, Bhilai.



Advisor-1, ATAL Academy
Mamta Rani Agarwal

Coordinator



Annexure-II

NAME & ADDRESS OF THE INSTITUTE: CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY, KAILASH NAGAR, INDUSTRIAL ESTATE P.O., BHILAI-490026

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2021-22

Name of the Scheme under which Grant was sanctioned: **AICTE Training and Learning Programme**
(To be submitted separately for each sanction order)

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21
Name of Coordinator : Dr. Radheshyam H. Gajghat
Dates of the Programme : 14/12/2021 to 18/12/2021
Title of the ATAL Programme : Online Faculty Development Programme on 3D Printing & Design

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	01/AICTE/ATAL-HQ/2020-21 11/06/2021	93,000/-	Certified that out of the grant-in-aid of Rs. Ninety three thousand only (in words) sanctioned by the AICTE during the financial year 2021-22 in favour of Christian College of Engineering & Technology, Bhilai (name of the institute) as per letter mentioned in the margin, Rs. Nil on account of unspent balance of previous year, Rs. Nil on account of other income / receipts, a sum of Rs. Ninety three thousand only has been utilized for the purpose for which it was sanctioned and the balance of Rs. Nil remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.


Kinds of checks exercised: -

- Audited Annual Accounts of the Institute
- Receipt and Payment account
- Periodical Progress Reports.





(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

Dr. Radheshyam H. Gajghat
Plot No. 5, Cross Street 4, Near Anandmarg Ashram, Anand Nagar, Bhilai - 490020



Principal
Christian College of Engg. & Tech., Kailash Nagar Industrial Estate, PO, Bhilai-490 026 (C.G.)



Chartered Accountant
Membership No. 424803



2). Signature of Chartered Accountant:

Name of Chartered Accountant:

CA ROSHAN V KOSHY

Membership No: 424803

CA. Roshan V. Koshy

Rubber stamp: Chartered Accountant

Full Address: Rishabh Nagar, Bhilai-491003

Date: 17/01/2022

UDIN - 22424803AAAAAD9621

(3). Signature of Head of the Institute:

Name & Designation of the Head of Institute:

Dr. Dipali Soren, Principal

Rubber stamp:

Full Address: CCET, Kailash Nagar, Bhilai

Date: 12/01/2022

Principal
Christian College of Engg.
& Tech, Kailash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)

(4). Signature of the Finance Officer/Accounts Officer:

Name of the Finance Officer/Accounts Officer:

(If it is Govt./Govt. Aided Institute)

Note:- If it is more than one page, each page must be signed in all annexure.



12/01/2022

**Annexure-III****AICTE Training And Learning(ATAL) Academy Online Programme**

FORMAT FOR STATEMENT OF EXPENDITURE

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21

Title of the Programme : Online ATAL Faculty Development Programme on 3D Printing & Design

Name of the Coordinator : Dr. Radheshyam H. Gajghat

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Itemwise	Amount Rs. (In each head)	No. of Participants	Duration of the Programme (with dates)
01/AICTE/ATAL-HQ/2020-21 10/06/2021	Rs. 93,000/-	1. Honorarium to Coordinator Rs.2000/- per day x 5 days	10,000/-	71	14/12/2021 to 18/12/2021
		2. Honorarium to Computer Operator Rs 2000/-	2,000/-		
		3. Honorarium for experts (Rs.5000 per session for total 14 sessions)	70,000/-		
		4. Payment to Lab Attendant	1,000/-		
		5. Miscellaneous charges	10,184/-		
		Total	93,184/-		
		Grant Received	93,000/-		
		Balance to be Received	0		

(1) Dr. Radheshyam H. Gajghat
Name and Signature of Coordinator
with Seal

(2) Signature (with Seal) of the Finance Officer/
Auditor/Accounts Officer
(If it is Govt./Govt. Aided Institute)

(1) Dr. Dipali Soren
Name and Signature of
Head of Institution with Seal

Principal
Christian College of Enng.
& Tech, Kailash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)

(3) Signature of Chartered Accountant:
Name of Chartered Accountant: CA Roshan V Koshy
Membership No: 424803 Roshan V. Koshy
Rubber stamp: Chartered Accountant
Full Address: Rizali, Membership No. 424803
Date: 17/01/2022
UDIN | 22424803AAAAD9621

Note:- If it is more than one page, each page must be signed in all annexure.



Annexure-II

NAME & ADDRESS OF THE INSTITUTE: CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY, KAILASH NAGAR, INDUSTRIAL ESTATE P.O., BHILAI-490028

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2021-22

Name of the Scheme under which Grant was sanctioned: **AICTE Training and Learning Programme**
(To be submitted separately for each sanction order)

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21
Name of Coordinator : Dr. Radheshyam H. Gajghat
Dates of the Programme : 14/12/2021 to 18/12/2021
Title of the ATAL Programme : Online Faculty Development Programme on 3D Printing & Design

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	01/AICTE/ATAL-HQ/2020-21 11/06/2021	93,000/-	Certified that out of the grant-in-aid of Rs. Ninety three thousand only (in words) sanctioned by the AICTE during the financial year 2021-22 in favour of Christian College of Engineering & Technology, Bhilai (name of the institute) as per letter mentioned in the margin, Rs. Nil on account of unspent balance of previous year, Rs. Nil on account of other income / receipts, a sum of Rs. Ninety three thousand only has been utilized for the purpose for which it was sanctioned and the balance of Rs. Nil remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -

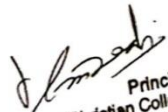
- Audited Annual Accounts of the Institute
- Receipt and Payment account
- Periodical Progress Reports.




(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

Dr. Radheshyam H. Gajghat

Plot No. 5, Cross Street 4, Near Anandmarg Ashram, Anand Nagar, Bhilai - 490020



Principal
Christian College of Engg.
& Tech., Kailash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)



2). Signature of Chartered Accountant:

Name of Chartered Accountant:

Membership No:

Rubber stamp:

Full Address:

Date:

(3). Signature of Head of the Institute:

Name & Designation of the Head of Institute:

Dr. Dipali Soren, Principal

Rubber stamp:

Full Address: CCET, Kailash Nagar, Bhilai

Date: 12/01/2022

Principal
Christian College of Engg.
& Tech, Kailash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)

(4). Signature of the Finance Officer/Accounts Officer:

Name of the Finance Officer/Accounts Officer:

(If it is Govt./Govt. Aided Institute)

Note:- If it is more than one page, each page must be signed in all annexure.



**Annexure-III****AICTE Training And Learning(ATAL) Academy Online Programme**

FORMAT FOR STATEMENT OF EXPENDITURE

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21

Title of the Programme : Online ATAL Faculty Development Programme on 3D Printing & Design

Name of the Coordinator : Dr. Radheshyam H. Gajghat

Sanction No. and Date	Grant Sanctioned	Details of expenditure incurred itemwise	Amount Re. (In each head)	No. of Participants	Duration of the Programme (with dates)
01/AICTE/ATAL-HQ/2020-21 10/06/2021	Rs. 93,000/-	1. Honorarium to Coordinator Rs.2000/- per day x 5 days 2. Honorarium to Computer Operator Rs 2000/- 3. Honorarium for experts (Rs.5000 per session for total 14 sessions). 4. Payment to Lab Attendant 5. Miscellaneous charges	10,000/- 2,000/- 70,000/- 1,000/- 10,184/-	71	14/12/2021 to 18/12/2021
Total			93,184/-		
Grant Received			93,000/-		
Balance to be Received			0		

(1) Dr. Radheshyam H. Gajghat
Name and Signature of Coordinator
with Seal

(2) Signature (with Seal) of the Finance Officer/
Auditor/Accounts Officer
(If It Is Govt./Govt. Aided Institute)

(1) Dr. Dipali Soren
Name and Signature of
Head of Institution with Seal
Principal
Christian College of Engg.
& Tech, Kallesh Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)
(3) Signature of Chartered Accountant:
Name of Chartered Accountant:
Membership No:
Rubber stamp:
Full Address:
Date:

Note:- If it is more than one page, each page must be signed in all annexure.

**Annexure-I****All India Council for Technical Education**

A Statutory body under Ministry of HRD, Govt. of India

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

AICTE Training and Learning (ATAL) Academy, (Online FDP)

F.No.01_AICTE/ATAL-HQ/2020-21

To

Date: 11.08.2021

Christian College of Engineering & Technology, Bhilai
Kailash Nagar, Industrial Estate P. O., Bhilai
CHHATTISGARH

Sub: Release of a sum of Rs 93,000/- for AICTE Training and Learning (ATAL) Academy Online FDP.

Sir,

This is to convey the sanction of the Council for payment of Rs. 93,000/- (Rupees Ninety - Three Thousand Only) for conduct of online AICTE Training And Learning (ATAL) Academy FDP (3D Printing & Design) to Christian College of Engineering & Technology, Bhilai, Kailash Nagar, Industrial Estate P. O., Bhilai, CHHATTISGARH, under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution**I. Release of funds and maintenance of accounts**

- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The cost for conducting per programme will be Rs.93,000/- as per detail given as under:

1 Honorarium to Coordinator Rs 10,000/-

2 Honorarium for computer operator Rs 2,000/-

3 Honorarium for experts (Rs.5000/session for 14 sessions) Rs 70,000/-

4 Provision for payment to Lab Attendant Rs 1,000/-

5 Miscellaneous charges (petty expenses not covered above) Rs 10,000/-

TOTAL = Rs.93,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

- The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have been approved by coordinator, attended the program with minimum 80% of attendance and scored minimum 60% marks in the test.



IV. Submission of documents by university/institution

- a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program.
 - (i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.
 - (ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement etc. within one month of conduct of AICTE Training and Learning (ATAL) Academy programme.
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

V. General Instructions

- a. Maximum 200 participants may be allowed to attend online FDP. Coordinators are free to admit a smaller number of participants depending on the feasibility.
- b. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 60% in the test will be issued a digital certificate.
- c. These online sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP. You are also requested to upload recording on youtube or google drive share recording link of sessions with AICTE.
- d. Eligibility for Participants:
 - a. The faculty members of the AICTE approved Institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/School Teachers and staff of host Institutions.
 - b. Not more than 30% from Host Institution.
- e. If programme is not conducted in the financial year 2021 only, the released amount has to be returned back to AICTE.
- f. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.
- g. FDP title name, name of coordinator, Institute name is not allowed to change without permission however schedule dates may be changed with information ATAL Academy cell and Regional Office.

This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,

-sd-

Regional Officer
AICTE-CRO, Bhopal

Copy forwarded for information and necessary action to:-

1. Dr. Radheshyam H. Gajghat, Coordinator ATAL Programme
2. ATAL Academy Cell AICTE HQ
3. Guard File



Christian College of Engineering & Technology
 Ledger Account : 1-Oct-2021 to 5-Jan-2022

Page 3

Date	Particulars	Narration.	Customer Invoice No. & Reference No.	NEFT / RTGS / Cheque & DD No.	Vch Type	Vch No.	Debit	Credit
	Brought Forward						83,000.00	93,000.00
5-1-2022	Cr (as per details)							
	Advance to Employees (Expense)		7,000.00 Cr		Payment	500	7,824.00	
	Cash		824.00 Cr					
	BEING PAYMENT MADE TO RADHESHYAM GAJGHAT AGAINST ATAL FDP 14 TO 18 /12/21							
	Cr Cash				Payment	501	2,360.00	
	BEING PAYMENT MADE AGAINST UTILIZATION CERTIFICATE TO CA ROSHAN KOSHY							
	Dr Closing Balance						93,184.00	93,000.00
								184.00
							93,184.00	93,184.00

Pr
5/1/2022

[Signature]

[Signature]

Principal
Christian College of Engg.
& Tech, Kailash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)



Christian College of Engineering & Technology						Page 2	
Account From AICTE Ledger Account : 1-Oct-2021 to 6-Jan-2022						Debit	Credit
Date	Particulars	Narration	Customer Invoice No & Reference No	NEFT / RTGS / Cheque & DD No.	Vch Type	Vch No.	
	Brought Forward					40,000.00	93,000.00
27-12-2021	Cr SBI-32147321306						
	Cheque 548008	27-12-2021	5,000.00 Cr	548008	Payment	470	5,000.00
	BEING PAYMENT MADE TO RAHUL S MULIK AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306						
	Cheque 548009	27-12-2021	10,000.00 Cr	548009	Payment	471	10,000.00
	BEING PAYMENT MADE TO YENNAM RAVI KUMAR AGAINST 2 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306						
	Cheque 548010	27-12-2021	5,000.00 Cr	548010	Payment	472	5,000.00
	BEING PAYMENT MADE TO PRADEEP AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306						
	Cheque 548011	27-12-2021	5,000.00 Cr	548011	Payment	473	5,000.00
	BEING PAYMENT MADE TO RADHESHYAM H GAJGHAT AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306						
	Cheque 548012	27-12-2021	10,000.00 Cr	548012	Payment	474	10,000.00
	BEING PAYMENT MADE TO RADHESHYAM H GAJGHAT AGAINST COODINATOR OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306						
	Cheque 548013	27-12-2021	2,000.00 Cr	548013	Payment	475	2,000.00
	BEING PAYMENT MADE TO CHANDRASHEKHAR SAHU AGAINST COMP OPERATOR OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306						
	Cheque 548014	27-12-2021	1,000.00 Cr	548014	Payment	476	1,000.00
	BEING PAYMENT MADE TO A D VINCENT AGAINST ASSISTANT OF PROJECT ATAL HELD ON 14 TO 18/12/21						
31-12-2021	Cr SBI-32147321306						
	Cheque 548021	31-12-2021	5,000.00 Cr	548021	Payment	492	5,000.00
	BEING PAYMENT MADE TO SOUMYA GANGOPADHYAY AGAINST ONE SESSION OF ATAL HELD ON 14/12/21 TO 18/12/21						
	Carried Over					83,000.00	93,000.00

Principal
 Christian College of Engg. & Tech, Kalesh Nagar Industrial Estate, PO, Bhilai-490 026 (C.G.)

continued...



Christian College of Engineering & Technology Grant From AICTE Ledger Account

1-Oct-2021 to 5-Jan-2022

Page 1

Date	Particulars	Narration.	Customer Invoice No. & Reference No	NEFT / RTGS / Cheque & DD No.	Vch Type	Vch No.	Debit	Credit
6-10-2021	Dr SBI-32147321306	Cheque/DD	6-10-2021	93,000.00	Receipt	141		93,000.00
		RADHESHYAM GAJGHAT 3D PRINTING & DESIGN ATAL FDP						
27-12-2021	Cr SBI-32147321306	Cheque	27-12-2021	5,000.00	Payment	463	5,000.00	
		BEING PAYMENT MADE TO MANISH TAK AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306	Cheque	27-12-2021	5,000.00	Payment	464	5,000.00	
		BEING PAYMENT MADE TO JAGDISH AGAINST 1 SESSION OF ATAL GHELD ON 14 TO 18 /12/21						
	Cr SBI-32147321306	Cheque	27-12-2021	5,000.00	Payment	465	5,000.00	
		BEING PAYMENT MADE TO SUDHAKAR UMALE AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306	Cheque	27-12-2021	10,000.00	Payment	466	10,000.00	
		BEING PAYMENT MADE TO ABHAY KUMAR M KUTHE AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306	Cheque	27-12-2021	5,000.00	Payment	467	5,000.00	
		BEING PAYMENT MADE TO SUBBURAJ KARUPPPASAMY AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306	Cheque	27-12-2021	5,000.00	Payment	468	5,000.00	
		BEING PAYMENT MADE TO MUKUL SHUKLA AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						
	Cr SBI-32147321306	Cheque	27-12-2021	5,000.00	Payment	469	5,000.00	
		BEING PAYMENT MADE TO SHIORAM RAOJI KAWALE AGAINST 1 SESSION OF ATAL HELD ON 14 TO 18/12/21						

Carried Over
Principal
Christian College of Engg.
& Tech, Khash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)

40,000.00 93,000.00

continued



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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

ABOUT THE INSTITUTE

Christian College of Engineering and Technology (CCET) was established by Late Lamented **Bishop H.G. Dr. Stephanos Mar Theodosius in 1998**. It has a world-class campus with lush green and well-manicured lawns spread all around and peaceful atmosphere which provides an ideal setting for an intensive learning experience. It is approved by All India Council for Technical Education and affiliated to Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.). **It offers four years UG courses in Mechanical Engineering (Accredited by NBA), Computer Science, Electronics & Telecommunication Engineering, Electrical Engineering; and two years PG courses in CAD/CAM & Robotics in Mechanical Engineering, Nanotechnology in Electronics & Telecommunication Engineering and High Voltage in Electrical Engineering.** The institute always endeavors to be in research, training, collaborations & projects and for opening more avenues for training and employments of its students.

ABOUT THE DEPARTMENT

The Mechanical Engineering Department (Accredited by NBA) came into existence in the year 1998. **The department offers B. Tech and M. Tech courses in CAD/CAM & Robotics.** The department is rich in its faculty as well as infrastructure. It has laboratory and workshop facilities with modern sophisticated equipment to carry out the practical and research work. The faculties are actively involved in various prestigious sponsored/consultancy project works from CGCOST, CSVTU under TEQUIP and other reputed government organizations. **The department has been accredited second time for a period of 2018-19 to 2020-21.**

CHIEF PATRON

Dr. Joseph Mar Dionysius

Chairman, CCET

PATRONS

Fr. George C. Varughese

Executive Vice Chairman, CCET

Dr. (Mrs.) Dipali Soren

Principal, CCET

PROGRAM CO-ORDINATOR



Dr. P. Srinivasa Rao

HOD, Dept. of Mech. Engg., CCET

Email: hod.mech.ccetb@gmail.com

Contact no: 7389611981

EXPECTED PARTICIPANTS

Faculty/Research Scholars/Industrials.

ORGANIZED BY

Mechanical Engineering Department

CCET, Bhilai, CG-490026, India.



**AICTE TRAINING AND LEARNING
(ATAL) ACADEMY SPONSORED
FACULTY DEVELOPMENT PROGRAM ON
"INNOVATIONS IN MANUFACTURING OF
NOVEL MATERIALS AND COMPOSITES"**



FDP DATES

23 to 27 NOVEMBER, 2021

REGISTRATION

- * **Registration Fee- Nil**
- * FDP will be conducted through **online mode**.
- * **The participants are advised to apply online at AICTE ATAL registration portal on or before 22nd November 2021 through the following link:**
<https://atalacademy.aicte-india.org/signup>
- * Number of participants is limited to 200 (first-come first-served basis).

Test and Certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

Criterion 6

QIM 6.5.1 IQAC Initiatives



OBJECTIVES OF THE FDP

This Faculty Development Program in Novel Nano-Materials and composites will cover majorly the basic and advanced concepts related to both novel materials and Nano-Materials. It starts with deeper discussion on engineering materials with special emphasis on metal matrix and smart materials. The FDP endeavors to discuss about new advance challenges and prospects in the advancement of nanotechnology covering fields from theory and experiments to applications of advance materials. This program provides an in-depth knowledge of applications of nano materials in the different fields. The course is also replete with various Micro-Nano fabrication technologies which are to be discussed by eminent resource persons. Special emphasis has also been laid on Primary Processing & Secondary Processing of Advanced Composites and Processing of Nano Composites. Novel materials have one or more properties that can be significantly changed in a controlled style as stress, temperature, magnetic fields etc. The lectures of the experts will cover the aspects of both Novel and Nano materials and its composites.

CONTENTS TO BE COVERED

- Basic Concepts of Nano-Materials and its applications
- Processing techniques of Novel Materials
- Design and Fabrication of CVD systems for CNT growth
- Primary and Secondary Processing of Composites
- Design and Development of Bio-Materials for future
- Significance and Processing of Nano Composites
- Approaches in Micro-Nano Fabrication
- Advance Methods in Nano Materials Joining and Machining
- Green Composites Processing
- Characterization of Mechanical Nano Materials
- Fullerenes, Carbon Nanotube and Graphene
- Emotional Strength and Crisis Management

RESOURCE PERSONS

Experts are invited from IIT'S/ NIT'S/ Industries and other reputed Organizations.

SCHEDULE

Date/Time	9:30 AM - 11:30 AM	12 NOON- 2:00 PM	3:00 PM- 5:00 PM
23/11/2021	SESSION-I	SESSION-II	SESSION-III
24/11/2021	SESSION-I	SESSION-II	SESSION-III
25/11/2021	SESSION-I	SESSION-II	SESSION-III
26/11/2021	SESSION-I	SESSION-II	SESSION-III
27/11/2021	SESSION-I	SESSION-II	SESSION-III





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REPORT

Novel Materials

Date: 23rd to 27th November, 2021

CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

AICTE TRAINING AND LEARNING ACADEMY, BHOPAL

Criterion 6

QIM 6.5.1 IQAC Initiatives



ATAL workshop on Novel Materials

NOVEL MATERIALS WORKSHOP

Novel materials 5-Days AICTE sponsored workshop was conducted from 23rd to 27th November 2021 in which around 56 participants from different parts of the country participated regularly out of 86 registered for the FDP.

The speakers for the 5-day workshop on “Novel Materials” were:

Dr. Venkat Chintala, Founding Associate Professor, National Rail & Transportation Institute (NRTI), Vadodara, Gujarat.

**Education:**

PhD: IIT, Delhi

M. E/M. Tech: RGPV, Bhopal

B.E/ B. Tech: JNTU, Hyderabad

Experience:

Teaching: 12 years

Award: “Smt. Vijay Sodha” award for his best research work at IIT Delhi in the year 2015

Research: 54 research papers in reputed National International Journals

Consultancy Projects: DLR Germany, DST New Delhi, and DIBER Haldwani worth more than 3 crores.

Dr. D Pamu, Associate Professor, IIT Guwahati, Assam.

**Education:**

PhD: IIT, Delhi

M. E/M. Tech: IIT Roorkee

B.E/ B. Tech: IIT Roorkee

Experience:

Academic: 13 Years

His area of research includes High-k and low loss materials (Microwave ceramics), Ferroelectrics and Piezoelectrics, Bioceramics, Microwave ferrites, Oxide thin films, Nanomaterials, and Semiconductors.



ATAL workshop on Novel Materials

Dr. T. RAMESH, Associate Professor, NIT, Trichy.



Thillaigovindan Ramesh, received his BE in Mechanical Engineering from Madras University in 1995 and received Master's degree in Engineering Design from Bharathiyar University in 1997. He obtained Doctoral degree from Bharathidasan University in the area of Composite Materials in 2006.

Thillaigovindan Ramesh is presently working as an Associate Professor in the department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India with a total teaching experience of 24 years. He has published more than 50 technical papers in the international journals. He is also actively involved in Research and Consultancy projects. His fields of research interest are Finite Element Method, MEMS and Microsystems, Biomaterials and Composite Materials. He is a life member of ISTE (Indian Society for Technical Education). He is also a co-author of the book entitled Introduction to Finite Elements in Engineering..

Dr Y Ravi Kumar, Associate Professor, NIT, Warangal.



Dr. Yennam Ravi Kumar is Associate Professor in Mechanical Engineering Department at National Institute of Technology (NIT), Warangal. He obtained B.Tech Degree in Mechanical Engineering from JNTU, Kakinada in 2000, M.E in Computer Integrated Manufacturing (CIM) from PSG College of Technology, Coimbatore in 2002, Ph.D in Mechanical Engineering from Osmania University, Hyderabad in 2011 and Post-doctorial research in 3D Printing at Milwaukee School of Engineering, USA in 2012. He has supervised more than 30 M.Tech Projects and produced "05" Ph.D's and guiding "05" more Ph.D theses.

He has published more than 70 research papers in National and International conferences and journals. He has filed "01" International patent and "02" Indian patents in the area of 3D Printing. He is instrumental in setting up Rapid Prototyping laboratory at NIT Warangal. He started M.Tech Program in Additive Manufacturing in collaboration with Central Manufacturing Technology Institute (CMTI) Bangalore, first time in India of its kind. He has established a world class "Metal 3D Printing Facility" at NIT Warangal under TEQIP-III grant. He has conducted more than "15" training programs across India and trained around "900" participants in the area of "3D Printing". He received "Young Engineer of the Year 2009 Award" from the Government of Andhra Pradesh and The Institute of Engineers (India). He has executed sponsored R&D Projects worth of 1.24 Crore Rupees in the area of 3D Printing. He is the Life Member of ISTE, IE and RPSI Societies. He visited countries like Australia, Sweden, Singapore, Finland, France and USA.



ATAL workshop on Novel Materials

Dr. B Ratna Sunil, Professor, BEC, BAPATLA, Andhra Pradesh.



Dr. B. Ratna Sunil completed B.E (Mechanical Engineering) from Andhra Univeristy, M.E. (Mechanical Engineering) from Osmania University and Ph.D. (Metallurgical and Materials Engineering) from IIT Madras. Currently, working as an Associate professor, Department of Mechanical Engineering, Bapatla Engineering College, Bapatla, Andhra Pradesh.

Dr. Sunil actively involves in research and development in the areas of "Materials-Manufacturing Technology" includes nanomaterials, biomaterials, welding of non-ferrous metals, composites and surface engineering.

Awards & Honors:

- 1) Erasmus plus staff mobility program 2017-18 (European commission).
- 2) Associate fellow (elected), Andhra Pradesh Akademi of Sciences (2017)
- 3) Sudharshan Bhat memorial award for the best PhD thesis IIT Madras, Chennai (2015)
- 4) First runner up prize for the best poster presentation in PANIIT-Research Expo, Shaastra 2014, IIT Madras, Chennai.
- 5) BAJPAI – SAHA award, Society for Biomaterials and Artificial Organs – India (SBAOI), (2012).

Dr. D Benny Karunakar, Associate Professor, IIT, Roorkee, Uttarakhand.



Education:

PhD: IIT Kharagpur
M. E/M. Tech: IIT Kharagpur
B.E/ B. Tech: JNTU, Ananthpur, AP.

Experience: 21 Yrs.

Areas of Interest: Manufacturing Science, Metal Casting, FEM in Manufacturing, CAD/CAM, Nano-composites

He has visited countries Japan, USA, Israel, Switzerland, UK, and Germany for presentation of his research and delivering lectures.



ATAL workshop on Novel Materials

Mr. GSR Rau, Sr. DIG, Regional Training College, CISF, Ministry of Home Affairs, Bhilai, Durg District, CG.



Mr. G. S. R. Raju hails from a small village of Krishna District of Andhra Pradesh. He did MA (Applied Economics), MA (Philosophy & Religious Studies) from the Prestigious Andhra University and BCS from Serampore University, Calcutta. He belongs to 1989 Civil Services (popularly known as IAS & IPS) and was allotted CISF, Central Industrial Security Force. He has been serving in CISF for the last 31 years in various capacities such as Law & Order, Security and Training in Andhra Pradesh, Bihar, Chhattisgarh, Jammu & Kashmir, Jharkhand, Maharashtra, Rajasthan and Tamil Nadu. He is at the level of Joint Secretary, Govt. of India. He is expert in developing teams with high morale and has a great flair for humane management.

Dr. B Pravin Kumar, Assistant Professor, Department of Mechanical Engineering, KITS, Coimbatore.

**Education:**

Post-Doctoral: IIT Guwahati

PhD: NIT Manipur

M. E/M. Tech: RGPV Bhopal

B.E/ B. Tech: Nagarjuna University, Guntur, Andhra Pradesh.

Experience:

Academic: 10 years

Papers published: International Journals: 25



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ATAL workshop on Novel Materials

Dr. P Srinivasa Rao, Professor, HOD Mechanical, CCET, Bhilai.



Education:

PhD: NIT, Manipur

M. E/M. Tech: RGPV, BHOPAL

B.E/ B. Tech: Nagarjuna University, Guntur, AP.

Experience:

Academic: 14 years of teaching

Papers Published: 22

Areas of Research: Metal Matrix Composites, Novel Materials, Non Ferrous alloys, Casting.

Criterion 6

QIM 6.5.1 IQAC Initiatives

**ATAL workshop on Novel Materials**

Day	Date	Time slot			
Day 1	23/11/2021	9:30 AM -10:30 AM	10:30 Noon-12:00 PM	12 PM - 2:00 PM	3 PM-5:00 PM
Topic	Inaugural Function	An overview of thin film technology (Dr. D Pamu, IIT Guwahati)	Friction stir processing Techniques and Characterization of Novel Materials (Dr. Arockia Kumar (NIT-Warangal)	Material for electronic and biomedical applications (Dr. D Pamu, IIT Guwahati)	
Day 2	24/11/2021	10:00 PM -12:00 Noon	12:00 Noon-2:00 PM	3 PM -5:00 PM	
Topic	Materials for MEMS (Dr. T Ramesh, NIT Trichi)	"Processing of novel light weight magnesium based materials" (Dr. B Ratna Sunil, BEC, BAPATLA)	Design and Development of Novel Materials for Additive Manufacturing (Dr. Y Ravi Kumar NIT Warangal)		
Day 3	25/11/2021	10:00 PM -12:00 Noon	12:00 Noon-2:00 PM	3 PM -5:00 PM	
Topic	Role of Finite Element Methods in Biomedical Engineering – A materials perspective (Dr. T Ramesh NIT Trichi)	Basic Concepts of Nano-Materials and its applications (Dr. P S Rao)	Novel Materials for Complex Oral and Maxillofacial Surgeries (Dr. Y Ravi Kumar-NIT Warangal)		
Day 4	26/11/2021	10:00 PM -12:00 Noon	12:00 Noon-2:00 PM	3 PM -5:00 PM	
Topic	Plasto-composites from plastic waste (Dr. Ch Venkat)	Developments and materials used for investment casting process – A review and modern perspective (Dr. Benny Karunakar, IIT-Roorkee)	Characterization of Mechanical Nano Materials (Dr. B Pravin Kumar- KITS Coimbatore))		
Day 5	27/11/2021	10:00 PM -12:00 Noon	12:00 Noon-2:00 PM	3 PM -5:00 PM	
Topic	Innovations in Manufacturing of Novel Materials (Dr. P S Rao)	STRESS MANAGEMENT (Mr. GSR Raju, Senior DIG, CSIF)	WRITTEN TEST & FEEDBACK		

Criterion 6**QIM 6.5.1 IQAC Initiatives**

**ATAL workshop on Novel Materials****List of Participants (Approved: 86; Attended in full: 56 Approx.)**

Name of The Faculty	Email ID	Institute Name	Qualification	Disignation
CHANDRA Shekhar SAHU	csmechcct@gmail.com	CCET	M. TECH	Faculty
Santhanam K	santhanam.design@gmail.com	K S Rangasamy College of Technology	PhD	Faculty
JOJI THOMAS	joji@saveetha.ac.in	Saveetha Engineering College Chennai	PhD	Faculty
Kishor Shankar Rambhad	kishorsrambhad@gmail.com	St. John College of Engineering and Management, Palghar	Ph.D.	Faculty
Aditya revoo		ggsipu usict	mtech	
Roshan David	roshandavid34@gmail.com	Christ College of Engineering	M.Tech	Research Scholar
Romilkumar Mahendrabhai Patel	romilpatel93@gmail.com	Institute of Technology, Ganpat University	Ph.D. Pursuing	Faculty
Saumya saxena	Saumyasaxena613@gmail.com	Usict	M.tech	N/A
AMITKUMAR RAMBHAI PATEL	amit.r.patel@ganpatuniversity.ac.in	B S PATEL POLYTECHNIC, GANPAT UNIVERSITY	M.E.(CAD/CAM)	FACULTY
Sandip Madan Patange	sandip.patange@ritindia.edu	Rajarambapu Institute of Technology, Rajaramnagar	M.Sc.,SET.,Ph.D.(Pursuing)	Faculty
Shubhika Giri		USICT	Pursuing M.tech	
PATEL KALPESHKUMAR POPATLAL	kalpesh.patel@ganpatuniversity.ac.in	Ganpat University	Mtech in mechanical engineering	Faculty
Dr.I S N V R PRASANTH	prasanth5109@gmail.com	Mallareddy Engineering college	Ph.D	Faculty
N GNANESWARAN	gnanisankara@gmail.com	Saveetha Engineering college	M.Tech Advanced Manufacturing	Faculty
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Dr. Aditi Majumdar	aditimech@gmail.com	Techno Main SaltLake	PhD	Faculty
Dr. B. Bavanish	dr.bbavanish@gmail.com	Noorul Islam Centre for Higher Education, Kumaracoil	M.E., Ph.D.,	Faculty
Dr SATISH	satishsaini1604@gmail.com	Hindu college sonipat	Ph.D	Faculty
THIRUMALAI SA MY.N	thirumalain86@gmail.com	Christian polytechnic college,oddanchatram	M.E	Faculty

**ATAL workshop on Novel Materials**

Mittal Jaimin Brahmhatt		U. V. Patel College of Engineering	ME	Faculty
Dr. Sandeep Kumar	chauhan.npl85@gmail.com	Hindu College Sonipat (HR)	PhD	Faculty
KAWAL LAL KURREY	kawalkurrey@gmail.com	School of Studies in E & T, Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur CG	M Tech	Faculty
Vineet Kumar	vineetrana81@gmail.com	Engineering College Bikaner	M.Tech.	Faculty
Dr. Manoj A. Kumbhalkar	manoj.kumbhalkar@rediffmail.com	JSPM Narhe Technical Campus, Pune	Ph. D. (Mechanical Engg)	Faculty
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Amitsarda	Amit sarda	CCET, bhilai	ME	Faculty
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Shimpy Goyal	shimpygoyaluiet@gmail.com	Inderprastha Engineering College (Dr. A.P.J. Abdul Kalam Technical University)	Mtech	Faculty
Preetpal Singh	preetpals91@gmail.com	CT Group of Institutions	MTech	Faculty

Criterion 6**QIM 6.5.1 IQAC Initiatives**

**ATAL workshop on Novel Materials**

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Manisha V Makwana	manitirth@gmail.com	A D Patel Institute of Technology	PhD pursuing in Nanotechnology, ME Mechanical Engineering	Faculty and research scholar
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Gumeet kumar sahu	gumeetsh4@gmail.com	Chouksey Engineering College, Bilaspur	M.Tech.	
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Ravikumar Devarapalli	ravikumd@srmist.edu.in	SRM IST	M.E	Faculty (pursuing Ph D)
Duddu Reynolds	reynolds@bitdurg.ac.in	Bhilai Institute of Technology Durg	M.Tech	Faculty
Dr. Thirupathaiah Pothuraju	thiruiitr@gmail.com	St. John's College Agra	PhD	Faculty

Criterion 6**QIM 6.5.1 IQAC Initiatives**



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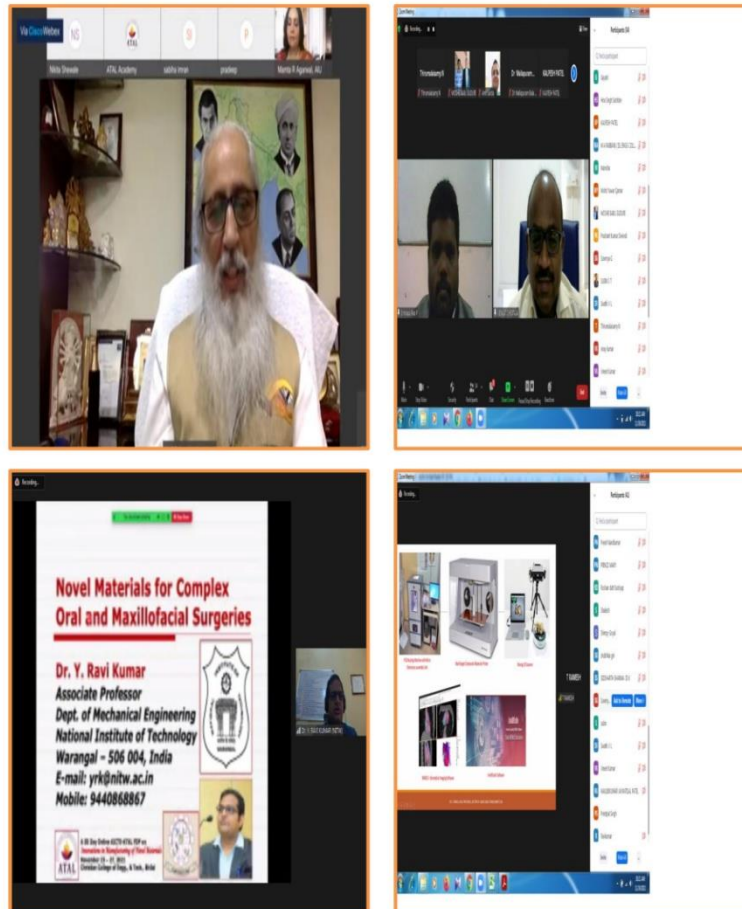
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If You Aim High, We Provide The Means

ATAL workshop on Novel Materials

The screenshots of the participants taken on the closing are:-



Criterion 6

QIM 6.5.1 IQAC Initiatives



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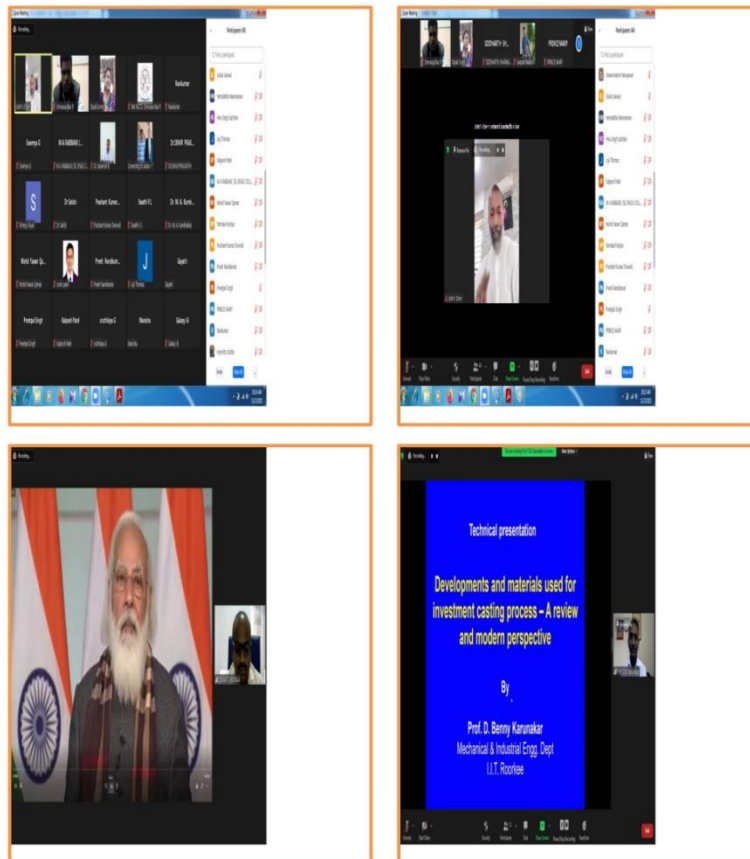
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ATAL workshop on Novel Materials



It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost. I got huge response for registration as well as lots of compliment of arranging the online workshop, content and hands on.

Dr. P Srinivasa Rao
ATAL FDP Novel Materials
CCET, BHILAI, CG-490026.

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ABOUT THE INSTITUTE

Christian College of Engineering and Technology (CCET) was established by **Late Lamented Bishop H.G. Dr. Stephanos Mar Theodosius** in 1998. It has a world-class campus with lush green and well-manicured lawns spread all around and peaceful atmosphere which provides an ideal setting for an intensive learning experience. It is approved by All India Council for Technical Education (AICTE) and affiliated to Chhattisgarh Swami Vivekananda Technical University (CSVTU), Bhilai (C.G.). It offers four years UG courses in Mechanical Engineering (Accredited by NBA), Computer Science, Electronics & Telecommunication Engineering, Electrical Engineering; and two years PG courses in CAD/CAM & Robotics in Mechanical Engineering, Nanotechnology in Electronics & Telecommunication Engineering and High Voltage in Electrical Engineering. The institute always endeavors to be in research, training, collaborations & projects and for opening more avenues for training and employments of its students.

ABOUT THE DEPARTMENT

The Mechanical Engineering Department (Accredited by NBA) came into existence in the year 1998. The department offers **B. Tech** in Mechanical Engineering and **M. Tech** in CAD/CAM & Robotics. The department is rich in its faculty as well as infrastructure. It has laboratory and workshop facilities with modern sophisticated equipment to carry out the practical and research work. The faculties are actively involved in various prestigious sponsored/consultancy projects from CGCOST, CSVTU under TEQUIP and other reputed government organizations. The department has been accredited by NBA second time for a period of 2018-19 to 2020-21.

CHIEF PATRON

Dr. Joseph Mar Dionysius

Chairman, CCET, Bhilai

PATRONS

Fr. George C. Varughese

Executive Vice Chairman, CCET, Bhilai

Dr. (Mrs.) Dipali Soren

Principal, CCET, Bhilai

COORDINATOR



Dr. Radheshyam H. Gajghat

Associate Professor, Dept. of Mech. Engg.

Email: radhegaj@gmail.com

REGISTRATION: FREE

EXPECTED PARTICIPANTS

Faculties/Research Scholars/Industrial Persons

ORGANIZED BY

Mechanical Engineering Department

Christian College of Engineering and Technology,
Bhilai, CG-490026, India.



CCET

3rd OLDEST PRIVATE COLLEGE IN CHHATTISGARH

**AICTE TRAINING AND LEARNING
(ATAL) SPONSORED
ONLINE FACULTY DEVELOPMENT
PROGRAM ON
OPERATIONS MANAGEMENT**

OCTOBER, 5 - 9, 2020

ONLINE PLATFORM



REGISTRATION LINK

<https://www.aicte-india.org/atal>

Criterion 6

QIM 6.5.1 IQAC Initiatives



OBJECTIVES OF THE FDP

- To develop an understanding of operations management functions in any organization
- To understand the importance of productivity and competitiveness
- To understand the importance of an effective production and operations strategy
- To understand the various production and operations design decisions and how they relate to the overall strategies of organizations
- To understand the importance of product and service design decisions and its impact on other design decisions and operations
- To obtain an understanding of quality management practice in organizations and how total quality management and six-sigma facilitate organizational effectiveness
- To understand the relationship of the various planning practices of capacity planning, aggregate planning, project planning and scheduling
- To understand the roles of inventories and basics of managing inventories in various demand settings
- To understand contemporary operations and manufacturing organizational approaches and the supply-chain management activities

CONTENTS TO BE COVERED

- Operations Management Functions
- Operations Strategy
- Process Design and Economics
- Product Design & Development
- Work Place Design
- Capacity Planning & Control
- Productivity Management
- Lean Manufacturing
- JIT & Kanban System
- Material Requirement Planning
- Inventory Management
- Enterprise Resource Planning
- Application of Six Sigma
- Supply Chain Management
- Total Quality Management
- Total Productive Maintenance

INVITED SPEAKERS

Speakers are invited from IIMs, IITs, NITs, BSP-SAIL and other reputed institutions of India

SCHEDULE

Date	10 AM - 11:30 AM	12 NOON - 1:30 PM	3 PM - 4:30 PM
05/10/2020	Session - 1	Session - 2	Session - 3
06/10/2020	Session - 4	Session - 5	Session - 6
07/10/2020	Session - 7	Session - 8	Session - 9
08/10/2020	Session - 10	Session - 11	Session - 12
09/10/2020	Session - 13	Session - 14	Valediction



Criterion 6

QIM 6.5.1 IQAC Initiatives



Christian College of Engineering and Technology, Bhilai

Organized by Department of Mechanical Engineering
Schedule for FDP on Operations Management

Sponsored by AICTE under ATAL Scheme
(October 5-9, 2020)



Combined Inauguration through Webex in Presence of Hon. Chairman & Member Secretary, AICTE, New Delhi

Date	12 NOON - 1:30 PM	2:30 PM - 4:00 PM	11 AM - 11:55 AM on October 5, 2020
October 5, 2020 Monday	Operations Management : An Overview Dr Rakesh L Himte, PIET, Nagpur	Enterprise Resource Planning: Assurance of Growth of an Organisation Dr Suraj Kumar Mukti, NIT, Raipur	Lean Six Sigma Dr Jitesh J Thakkar, AKTI, Vadodara
Date	10 AM - 11:30 AM	12 NOON - 1:30 PM	2:30 PM - 4:00 PM
October 6, 2020 Tuesday	Total Productive Maintenance Dr Anil Kumar Birru, NIT, Manipur	Total Quality Management Dr Rakesh L Himte, PIET, Nagpur	Inventory Management Dr Suraj Kumar Mukti, NIT, Raipur
October 7, 2020 Wednesday	Application of QFD to Improve the Requirements & Project Mgmt in a Small Scale Industry Dr (Smj) Shilpa Shekhar, BIT, Durg	Lean Manufacturing Dr Anil Kumar Birru, NIT, Manipur	Product Life Cycle: A Tool for Successful Business Dr Chandras C Handa, KDKCE, Nagpur
October 8, 2020 Thursday	Product Design & Development Dr Jagadish, NIT, Raipur	Factors Affecting Productivity and Coke Rate in Blast Furnace (Iron Making) Process Mr Vikas Nishine, DGM, BSP, Bhilai	Supply Chain Management Dr Dinesh Kumar, IIT, Roorkee
October 9, 2020 Friday	JIT & Kanban System Dr NVS Naidu, NIT, Raipur	Recharging Inner Powers Brahmakumar Sater Prachin, Brahmakumaris, Bhilai	Valediction & Test

Dr. Radheshyam H. Gajghat
Program Coordinator, FDPOM



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

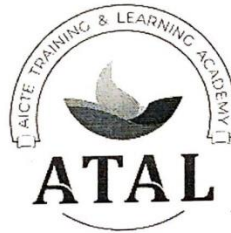
Report on Online



Faculty Development Program

On

Operations Management



Sanctioned under AICTE Training and Learning (ATAL) Academy
Programme



Organised by

Department of Mechanical Engineering

Christian College of Engineering & Technology, Bhilai

Criterion 6

QIM 6.5.1 IQAC Initiatives



Online ATAL FDP on Operations Management at CCET, Bhilai

AICTE has taken various quality initiatives to promote technical education in the country which also includes enhanced impetus on development of the faculty teaching in the colleges across the country. The AICTE Training and Learning (ATAL) Academy is one initiative which has been conducting various Faculty Development Programmes for imparting and upgrading faculty knowledge in thrust and emerging areas.

Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai conducted an Online FDP under ATAL Scheme on Operations Management from October 5 to 9, 2020. Over all 42 such FDPs started simultaneously and were being conducted by renowned institutions of India. A common Online Inaugural Function was organised by ATAL Academy which was presided over by AICTE Chairman, Prof. Anil D. Sahastrabudhe. CBSE Chairman, Shri Manoj Ahuja, IAS, was the Chief Guest and AICTE Vice-Chairman, Prof. M.P. Poonia, AICTE Member Secretary, Prof. Rajive Kumar were the Guest of Honour. AICTE Chairman Prof. Anil D. Sahastrabudhe, in his inaugural session, enlightened the purpose of AICTE Training and Learning (ATAL) Academy that was basically started to train the engineering faculties. Initially due to some constraints only limited faculties were trained in offline mode but now in the online mode it became possible to train the faculties in manifold. CBSE Chairman, Shri Manoj Ahuja, IAS, emphasised the necessities of collaboration between AICTE and CBSE which would be beneficial for CBSE teachers to upgrade and train them for advanced technologies such as Robotics, IoT, Blochchains, AI etc.

At start of the program, Dr. Ravindra Kumar Soni, Director, AICTE welcomed all the dignitaries, coordinators and participants. The Vice-Chancellors/Directors/Principals of AICTE ATAL FDP organising institutes expressed their views and gratitude towards AICTE for permitting to conduct such nice and useful programs for development of their faculties. Dr. CRS Kumar was the moderator of the program. Dr. Manoj Kumar Tiwari, Regional Officer & Asst. Director, AICTE, proposed the vote of thanks.

His Grace Dr. Joseph Mar Dionysius, Chairman, Rev. Fr. George C. Varughese, Executive Vice-Chairman and Dr. Dipali Soren, Principal, CCET, Bhilai welcomed all the participants of the FDP and congratulated the organizer, Dr. Radheshyam H. Gajghat, Associate Professor, for organising such wonderful FDP on the important topic of Operations Management and gave their best wishes to all 141 registered participants which included faculties, industrialists and research scholars across the country.

Valedictory function was organised on October 9, 2020 at 2:30 PM. Dr. Dipali Soren, Principal, addressed the online gathering. The feedback of 5-6 participants was taken during this function. They gave a very good feedback and shared their experience of the FDP. After getting the feedback, the instructions regarding the eligibility test was given by Coordinator, Dr. Radheshyam H. Gajghat and test was started at 3:10 PM and ended at 4:10 PM. Total



141 participants were registered for the FDP out of which 108 appeared in the eligibility test. 102 participants fulfilled all the criteria and became eligible for getting the certificate.

Schedule for ATAL FDP on Operations Management

Christian College of Engineering and Technology, Bhilai
Organized by Department of Mechanical Engineering
Schedule for FDP on Operations Management
Sponsored by AICTE under ATAL Scheme
(October 5-9, 2020)

Combined Inauguration through Webex in Presence of Hon. Chairman & Member Secretary, AICTE, New Delhi			11 AM – 11:55 AM on October 5, 2020
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Dr. Radheshyam H. Gajghat
Program Coordinator, FDPOM

Combined Inauguration of 42 Online ATAL FDP Organized by ATAL Academy

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
AICTE TRAINING AND LEARNING (ATAL) ACADEMY
LAUNCH OF FDP FOR CBSE TEACHERS & INAUGURATION OF 42 ONLINE ATAL FDP
15th October 2020, 11 AM

Prof. M. P. Poonia
Vice-Chairman, AICTE

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

CHIEF GUEST
Sh. Manoj Ahuja, IAS
Chairperson, CBSE

Prof. Rajive Kumar
Member Secretary, AICTE

Speaking: Anil Sahasrabudhe

Participants (156)

Panelist: 34

- Dr. R. H. Gajghat
- Gov. AICTE
- DR. RAVINDRA SONI
- A. VANAY KUMAR
- Anil Sahasrabudhe

<https://www.aicte-india.org/atal> | @OfficialAICTE | AICTE INDIA | @mediaAICTE

**Eminent Speakers from IIT, NRTI, NITs and Other Reputed Institutes of India**

Sr. No.	Name	Post	Institute	Email ID
1	Prof. Dinesh Kumar	Professor	Indian Institute of Technology, Roorkee	dinesfme@me.iitr.ac.in
2	Prof. Jitesh J. Thakkar	Professor	National Rail & Transportation Institute, Vadodara	jitesh.thakkar@nrti.edu.in
3	Dr. Chandrahas C. Handa	Professor	Karmveer Dadasaheb Kannamwar College of Engineering, Nagpur	chandrasahanda@rediffmail.com
4	Dr. N.V. Swamy Naidu	Associate Professor	National Institute of Technology, Raipur	nvsnaidu.mech@nitrr.ac.in
5	Dr. (Mrs.) Shiena Shekhar	Professor	Bhilai Institute of Technology, Bhilai	shiena.shekhar@bitdurg.ac.in
6	Dr. Suraj Kumar Mukti	Assistant Professor	National Institute of Technology, Raipur	skmukti.mech@nitrr.ac.in
7	Dr. Rakesh L. Himte	Professor	Priyadarshini Institute of Engineering & Technology, Nagpur	rakeshimte@gmail.com
8	Shri Vikas Nashine	Deputy General Manager	Bhilai Steel Plant, Bhilai	vikashnashine@gmail.com
9	Dr. Jagdish	Assistant Professor	National Institute of Technology, Raipur	jagadish.mech@nitrr.ac.in
10	Dr. Anil Kumar Birru	Assistant Professor	National Institute of Technology, Manipur	anilbirru@gmail.com
11	B. K. Prachi	Rajyoga Teacher	Brahmakumaris Centre, Bhilai	bhilai@bkivv.org

List of 141 Registered Participants for Online ATAL FDP on Operations Management

Sr No	Salutation	Name	Institute Name	District	State
1	Mrs.	KAVITHA RAJAYOGAN	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Chennai	Tamil Nadu
2	Mr.	Rajidl Rammohan Reddy	Trinity College of Engineering and Technology Peddapalli	Warangal (Urban)	Telangana
3	Dr.	J.Jayapriya	AC Tech campus, Anna University	Kancheepuram	Tamil Nadu
4	Dr.	Shilpi Jauhari	Institute of engineering and technology	Lucknow	Uttar Pradesh
5	Dr.	Kajal Maheshwari	10MBAM05	Pune	Maharashtra
6	Dr.	E.GOPI	Jeppiaar Engineering College	Kancheepuram	Tamil Nadu
7	Mr.	Mahendra Pratap	Dayalbagh Educational Institute Agra	Etawah	Uttar Pradesh
8	Mrs.	K Susmitha	Gudlavalleru Engineering College	Krishna	Andhra Pradesh
9	Mr.	Harish	PSG Institute of Management	Coimbatore	Tamil Nadu
10	Mr.	BHUPESH UMATH	MAHAKAL INSTITUTE OF TECHNOLOGY UJJAIN	Ujjain	Madhya Pradesh
11	Mrs.	Vibhuti Save	Dr. V. N. Bedekar Institute of Management Studies	Thane	Maharashtra
12	Mrs.	Sravani Chari	Aurora's Post Graduate College	Rangareddy	Telangana
13	Mrs.	RANJINI T	KNOWLEDGE INSTITUTE OF TECHNOLOGY	Salem	Tamil Nadu
14	Mr.	R.Srinivasa Rao	Omega pg college	Medchal	Telangana
15	Dr.	Tinu Kaur	Kamla Nehru Institute Of Physical And Social Sciences, Management Institute	Sultanpur	Uttar Pradesh
16	Mr.	Jijo George	CCET	Valsad	Gujarat



17	Mr.	SANKALP VERMA	SSTC, SSGI, BHILAI	Durg	Chhattisgarh
18	Mr.	Santhosh Raja R	Happy Valley Business School	Coimbatore	Tamil Nadu
19	Mr.	ESWAR BALACHANDAR G	JNTU ANANTAPUR	Y.S.R.	Andhra Pradesh
20	Dr.	Sathish Kumar D	Sankara College of Science and Commerce	Coimbatore	Tamil Nadu
21	Miss	E.MATHIVADHANA	IFET college of Engineering	Puducherry	Puducherry
22	Mrs.	Rahiba Singh	KNIPSS Management Institute	Sultanpur	Uttar Pradesh
23	Dr.	Uma Durgude	Bharati Vidyapeeth's Institute of Management Studies and Research	Raigarh	Maharashtra
24	Mr.	AKASH SUBHASH PATIL	IBMR WAKAD PUNE	Nandurbar	Maharashtra
25	Miss	AAZIYA A	Happy Valley Business School, Coimbatore	Coimbatore	Tamil Nadu
26	Mr.	Anup Satish Pawar	Institute of Business Management and Research, Wakad	Pune	Maharashtra
27	Mr.	Karan B Deore	Institute of bussiness management and research	Pune	Maharashtra
28	Mr.	Ketan vijay kadu	IBMR wakad	Pune	Maharashtra
29	Miss	Anuradha Padwal	IBMR wakad pune	Pune	Maharashtra
30	Mr.	Rahul Kumar	MJP Rohilkhand University Bareilly	Bareilly	Uttar Pradesh
31	Miss	Bismilla Jamadar	IBMR, Wakad	Pune	Maharashtra
32	Miss	Sapna Yadav	KIET GROUP OF INSTITUTIONS	Ghaziabad	Uttar Pradesh
33	Mrs.	Pooja Rakhecha	Institute of Management Studies, S.B.J.S Rampuria Jain College	Bikaner	Rajasthan
34	Dr.	Manish Tanwar	Institute of Management Studies, S.B.J.S Rampuria Jain College	Bikaner	Rajasthan
35	Dr.	Tushar Dhanraj Tale	Dr. Panjabrao Deshmukh Institute of Management Technology & Research, Nagpur	Amravati	Maharashtra
36	Dr.	KANNA ASHOK REDDY	NARSIMHA REDDY ENGINEERING COLLEGE	Hyderabad	Telangana
37	Dr.	Deepali Desai	Suryadatta Institute of Business Management & Technology	Pune	Maharashtra
38	Dr.	A. Arun Kumar	ICFAI Foundation for Higher Education	Hyderabad	Telangana
39	Mr.	Amit Sarda	CCET, Bhilai	Durg	Chhattisgarh
40	Miss	Priya	SCMS COCHIN SCHOOL OF BUSINESS	Ernakulam	Kerala
41	Mrs.	Bincy Sam	Alwar School of Business & Computers	Visakhapatnam	Andhra Pradesh
42	Mr.	Matthew Bhasker Singh	KNIPSS Management Institute	Sultanpur	Uttar Pradesh
43	Mr.	Martin Mysa	St Joseph's Degree and PG College	Hyderabad	Telangana
44	Dr.	SWATI BHARGAVA	IILM Academy of Higher Learning Jaipur	Jaipur	Rajasthan
45	Mr.	HARSHA MARIO AKANO	RGM CET	Krishna	Andhra Pradesh
46	Dr.	Hasanuzzaman	GITAM Hyderabad Business School	Murshidabad	West Bengal
47	Dr.	NIMESH GUPTA	IILM Academy of Higher Learning	Jaipur	Rajasthan
48	Mr.	MANOJ KUMAR ROUT	BIITM, Bhubaneswar	Khordha	Odisha
49	Mr.	Dain D Thomas	Manav Rachna International Institute of Research and studies	Delhi	Delhi
50	Dr.	Diwakaran	Kalasalingam University	Dindigul	Tamil Nadu
51	Dr.	ANOOP KUMAR TULI	S V Polytechnic College Bhopal	Bhopal	Madhya Pradesh
52	Miss	Monika sonker	DR. RAM MANOHAR LOHIA AVADH UNIVERSITY AYODHYA	Lucknow	Uttar Pradesh
53	Mr.	Jitendra patoliya	Marwadi University	Rajkot	Gujarat
54	Dr.	PALAK CHHABLANI	Manghanmal Udharam College of Commerce Pimpri Pune	Pune	Maharashtra
55	Mr.	Sreenivas Thandava	Integral Institute of Advanced Management (IIAM) B-School	Visakhapatnam	Andhra Pradesh
56	Mr.	SHILADITYA NATH	St Mary's Technical Campus Kolkata	Kolkata	West Bengal
57	Dr.	Preetha F James	Bishop Appasamy College Of Arts And Science	Coimbatore	Tamil Nadu
58	Mrs.	Hamritha S	M S Ramaiah Institute of Technology	Bangalore	Karnataka



59	Dr.	Ravindra Asharam Kayande	Symbiosis Skills and Professional University	Ahmadnagar	Maharashtra
60	Mr.	SACHIN KUMAR ROHATGI	Amity University	Gautam Buddha Nagar	Uttar Pradesh
61	Dr.	C. J. Rajendra Prasad	Symbiosis Skills and Professional Univeristy	Bangalore	Karnataka
62	Mr.	SANDEEP SURESH RASKAR	JAYAWANTRAO SAWANT INSTITUTE OF MANAGEMENT AND RESEARCH	Pune	Maharashtra
63	Mrs.	P.Kalpna	Anurag University	Hyderabad	Telangana
64	Miss	Shubhangi Rajput	Sri Ramswaroop Memorial Group of Professional Colleges	Lucknow	Uttar Pradesh
65	Mr.	S Md Ershad	Santhiram Engineering college	Kurnool	Andhra Pradesh
66	Mr.	Sukhjinder Singh	SBBS University	Gurdaspur	Punjab
67	Mr.	ANIL KUMAR MISHRA	Hi-Tech Institute of Technology, Khurdha	Khordha	Odisha
68	Mr.	Roopesh Sinha	NMDC DAV POLYTECHNIC GEEDAM DANTEWADA CHHATTISGARH	Dakshin Bastar Dantewada	Chhattisgarh
69	Mr.	Mahantesh M Ganganallimath	Basaveshwar Engineering College (A)	Bagalkot	Karnataka
70	Dr.	S KANIMOZHI	SHRIMATI INDIRA GANDHI COLLEGE	Tiruchirappalli	Tamil Nadu
71	Miss	Aiman Khatoon	Bengal college of Engineering and Technology	Puruliya	West Bengal
72	Mr.	Karan Ashok Shetty	Seshadripuram Institute of Management Studies	Bangalore	Karnataka
73	Mr.	ABHALE GANESH ARUN	Shri Gajanan Maharaj Shikshan Prasark Mandal's Sharadchandra Pawar Institute of Management	Pune	Maharashtra
74	Dr.	Manoranjan Dash	Siksha O Anusandhan (Deemed to be university)	Khordha	Odisha
75	Mrs.	Shaila Dhaipule	Vivek Vardhini School of Business Management	Hyderabad	Telangana
76	Mr.	VENKATAPATHI VARMA MANDAPATI	VISAKHA INSTITUTE FOR PROFESSIONAL STUDIES	Visakhapatnam	Andhra Pradesh
77	Dr.	Malini T N	Nitte Meenakshi Institute of Technology	Bangalore	Karnataka
78	Mrs.	Sonal Rai	NMDC DAV Polytechnic	Dakshin Bastar Dantewada	Chhattisgarh
79	Mr.	SANDIP SUBHASHRAO PATIL PATIL	GURU GOBIND SINGH COLLEGE OF ENGINEERING AND RESEARCH CENTRE	Nashik	Maharashtra
80	Mr.	Morrish Kumar	Hyderabad Institute of Technology and Management	Hyderabad	Telangana
81	Mr.	ANWAR AHMED	Shrimanta Sankardev Secondary school	Ribhoi	Meghalaya
82	Dr.	D. Yuvaraj	ANAND INSTITUTE OF HIGHER TECHNOLOGY	Chennai	Tamil Nadu
83	Mr.	Karan Khurana	Management Development Institute, Gurgaon	Delhi	Delhi
84	Dr.	S BHARATHI VASU	ANAND INSTITUTE OF HIGHER TECHNOLOGY	Chennai	Tamil Nadu
85	Mr.	SIVANAGARAJU AKKI	CVR COLLEGE OF ENGINEERING	Rangareddy	Telangana
86	Mr.	Mohd Rukunuddin Siddiqui	AL-QURMOSHI INSTITUTE OF BUSINESS MANAGEMENT	Hyderabad	Telangana
87	Mr.	Soumava Boral	Indian Institute of Technology Kharagpur	Hugli	West Bengal
88	Dr.	Kedar	GIDC Rajjushroff ROFEL Institute of Management Studies	Valsad	Gujarat
89	Mr.	Vishnu Jangid	SKIT Jaipur	Jaipur	Rajasthan
90	Mr.	Saurabh Gupta	SKIT JAIPUR	Jaipur	Rajasthan
91	Mr.	Amar Babu Murumkar	G. V. Acharya Intitute of Engineering and Technology	Thane	Maharashtra
92	Mr.	N.RajeshRajan	Arulmigu Thiripura Sundari Amman polytechnic	Chennai	Tamil Nadu
93	Mr.	Rambabu Ainala	Anurag University	Medchal	Telangana
94	Mrs.	PREMALATHA	CHETTINAD COLLEGE OF ENGINEERING AND TECHNOLOGY	Karur	Tamil Nadu
95	Dr.	K.Velusamy	Chettinad College of engineering & Technology	Karur	Tamil Nadu
96	Miss	Kirti Makwana	CHARUSAT	Anand	Gujarat
97	Dr.	Karishma Chaudhary	AIMT	Gautam Buddha Nagar	Uttar Pradesh
98	Mr.	Lalit Narwar	Sha-Shib College of Technology	Bhopal	Madhya Pradesh
99	Mr.	ARUN KUMAR SAO	NMDC DAV Polytechnic College Dantewada Chhattisgarh	Dakshin Bastar Dantewada	Chhattisgarh



100	Mr.	Kakde Dipak V	MGM's Polytechnic Aurangabad	Aurangabad	Maharashtra
101	Mr.	Binju Vargese P	Albertian Institute of Science and Technology, Kalamassery	Thrissur	Kerala
102	Mrs.	T.V.S.S.Swathi	Gudlavalleru Engineering College	Krishna	Andhra Pradesh
103	Dr.	Ankita Rajdev	HTMI	Bhopal	Madhya Pradesh
104	Mr.	Ranu Singh	Madan Mohan Malaviya university of technology, Gorakhpur	Deoria	Uttar Pradesh
105	Dr.	Sreekumar V	Mangalam College of Engineering	Thiruvananthapuram	Kerala
106	Miss	Rashmirekha Mallick	Konark institute of science and technology	Khordha	Odisha
107	Dr.	Frank Sunil Justus	Annamalai University	Cuddalore	Tamil Nadu
108	Mr.	Deepak Gupta	Government polytechnic Bhatapara	Baloda Bazar	Chhattisgarh
109	Mr.	Nikhil Varma	KLS' Gogte College of Commerce, Tilakwadi, Belagavi	Belgaum	Karnataka
110	Mr.	MUHAMMED BAVA PAZHERI	COLLEGE OF ENGINEERING THALASSERY	Malappuram	Kerala
111	Dr.	V P Rameshkumaar	Sona College of Technology	Salem	Tamil Nadu
112	Dr.	Patel hirenkumar jayantkumar	Ganpat University, V M Patel Institute of Management	Mahesana	Gujarat
113	Mr.	VEERESH TRIPATHI	SCHOOL OF MANAGEMENT SCIENCES, VARANASI.	Varanasi	Uttar Pradesh
114	Mrs.	Yashodha.S.M	G.T. Institute of Management Studies and Research	Bangalore	Karnataka
115	Mr.	MD RAMJANUL HAQUE	GOVERNMENT TOOL ROOM & TRAINING CENTRE DUMKA	Dumka	Jharkhand
116	Mrs.	SURBHI BIRLA	Sangam University	Bhilwara	Rajasthan
117	Miss	Shruti S Hudgi	Faculty of Business Studies ,Sharnbasva University	Gulbarga	Karnataka
118	Mr.	GANESH KUMAR S	JKK MUNIRAJAH COLLEGE OF TECHNOLOGY	Erode	Tamil Nadu
119	Mrs.	S.SUDHA	SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY	Dindigul	Tamil Nadu
120	Dr.	Pankaj Jain	Institute of Management Studies, S.B.J.S. Rampuria Jain College	Bikaner	Rajasthan
121	Miss	Aishwarya Gupta	Kashi Institute of Technology	Mirzapur	Uttar Pradesh
122	Mr.	Chetan Dattatray Valunj	K. K. Wagh Institute of Engineering Education and Research	Nashik	Maharashtra
123	Dr.	VINIT MATHUR	Institute of Management Studies, S.B.J.S. Rampuria Jain College	Bikaner	Rajasthan
124	Miss	Vaishnavi marwaha	Institute of management Studies, S.B.J.S Rampuria Jain College	Bikaner	Rajasthan
125	Dr.	Banumathi M	Govt. Arts and Science College for Women, Kodaikanal.	Cuddalore	Tamil Nadu
126	Mr.	Sharanabasappa G Malipatil	Faculty of Business Studies ,Sharnbasva University	Gulbarga	Karnataka
127	Mr.	Pankaj Ramanlal Beldar	K K Wagh Institute of Engineering Education and Research	Nashik	Maharashtra
128	Mr.	AHIRE PRITAMKUMAR DILIP	KKWIEER	Nashik	Maharashtra
129	Mr.	Mahendra Madhavrao Dhanait	KKWIEER, Nashik	Nashik	Maharashtra
130	Mr.	Pankaj Balasaheb Ranade	KKWIEER	Nashik	Maharashtra
131	Mr.	Bhandare Ramesh Vasant	K K Wagh Institute of Enigneering Education & Research	Nashik	Maharashtra
132	Miss	Sandeepta V	Geethanjali College of Engineering and Technology	Medchal	Telangana
133	Mr.	Md Reza Rafat	dept of Political Science, University of Kerala	Thiruvananthapuram	Kerala
134	Miss	Yogita Babasaheb Bhagat	Dr.Rajendra Gode Institute of Technology and Research Amravati	Amravati	Maharashtra
135	Mr.	Pramod Vishnupant Mulik	TKIET	Kolhapur	Maharashtra
136	Mr.	Rajendra Tukaram Salunkhe	TKIET, Warananagar	Kolhapur	Maharashtra
137	Dr.	Manoj Arunrao Kumbhalkar	JSPM Narhe Technical Campus, Narhe, Pune	Pune	Maharashtra
138	Dr.	Baxiskumar Ishvarbhai Patel	The Maharaja Sayajirao University of Baroda	Surat	Gujarat
139	Miss	Neha Aggarwal	Arka Jain University	Saraikele-	Jharkhand



				Kharsawan	
140	Mr.	Kishor S. Rambhad	JSPM Narhe Technical Campus, Pune	Nagpur	Maharashtra
141	Dr.	Mritunjay Kumar	Galgotias University	Delhi	Delhi

Session delivered by Dr. Rakesh L. Himte on Operations Management: An Overview

What is operations?

- The part of a business organization that is responsible for producing goods or services
- How can we define operations management?
 - The management of systems or processes that create goods and/or provide services

Session delivered by Prof. Jitesh J. Thakkar on Lean Six Sigma

Lean Focus on Waste Elimination supports Six Sigma Quality
(waste elimination eliminates an opportunity to make a defect)

<p>Lean</p> <p>Goal: Improve process performance through waste elimination & cycle time reduction</p> <p>Focus: Bias for action</p> <p>Method: Implement Lean tools such as Kaizen events, Value Stream Mapping, 5S, TQM etc.</p> <p>Deployment: Implicit infrastructure</p> <p>Speed, Flow, Cost</p>	<p>Six Sigma</p> <p>Goal: Improve process performance in relation to what is critical to the customer</p> <p>Focus: Bias for analysis</p> <p>Method: Uses the DMAIC method and quality tools</p> <p>Deployment: Explicit infrastructure</p> <p>Customer Satisfaction</p>
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Six Sigma Quality supports Lean Speed
(less rework means faster cycle times)



Session delivered by Dr. Suraj Kumar Mukti on Inventory Management

The screenshot shows a Zoom meeting interface. On the left, there is a small video feed of Dr. Suraj Kumar Mukti. The main area displays a slide titled "Inventory -Concept". The slide content is as follows:

Inventory

- goods available for sale and raw materials
- used to produce goods available for sale.
- most important assets of a business because the turnover of inventory represents one of the primary sources of revenue generation
- and subsequent earnings for the company's shareholders.

Understanding Inventory

Inventory:

- the array of finished goods or goods used in production held by a company
- Inventory is classified as a current asset on a company's balance sheet, and it serves as a buffer between manufacturing and order fulfillment.
- When an inventory item is sold, its carrying cost transfers to the cost of goods sold (COGS) category on the income statement

At the bottom of the Zoom window, there are icons for Mic, Camera, Screen, and Leave. A status bar at the bottom left indicates "Dr. Suraj Kumar Mukti is presenting".

Session delivered by Dr. Anil Kumar Birru on Lean Manufacturing

The screenshot shows a Zoom meeting interface. On the left, there is a small video feed of Dr. Anil Kumar Birru. The main area displays a slide titled "History Timeline for Lean Manufacturing". The slide features a vertical timeline from 1850 to 2000 with various milestones and associated figures:

- 1850:** Assembly Line
- 1858:** Eli Whitney - Interchangeable Parts
- 1860:** Drawing Conventions, Standards
- 1860s:** Modern Machine Tool Development: Frederick Taylor, Gantt, Gilbreth, Taylor
- 1885:** Frank Gilbreth - Process Charts, Motion Study
- 1890s:** Henry Ford - Assembly Lines, Flow Lines, Manufacturing Challenge
- 1930s:** Edwards, Deming, Juran, Shewhart
- 1940s:** Toyota Production System, Just in Time, Kanban, Heijunka, World Class Manufacturing
- 1980s:** Lean Manufacturing

Portraits of Eli Whitney, Frederick Taylor, Frank Gilbreth, Henry Ford, and W. Edwards Deming are included. The date 10/7/2023 is visible in the bottom right corner of the slide. The Zoom interface at the bottom shows icons for Mic, Camera, Screen, and Leave, and a status bar indicating "Anil Kumar Birru is presenting".



Session delivered by Dr. Jagadish on Product Design and Development

Product Design and Development: Issues & Challenges

Prepaid for: 5 Day's FDP on "Operation Management" at CCET Bhilai (C.G) from 5th-9th Oct. 2020

Dr. Jagadish
Assistant Professor
Dept. of Mechanical Engineering
National Institute of Technology Raipur, India

Process Flow: IDEA GENERATION → SCREENING → RESEARCH → DESIGN → TESTING → LAUNCH

Zoom controls: Mic, Camera, Screen, Leave

Session delivered by Dr. (Mrs.) Shiena Shekhar on Quality Function Deployment

Quality Function Deployment's House of Quality

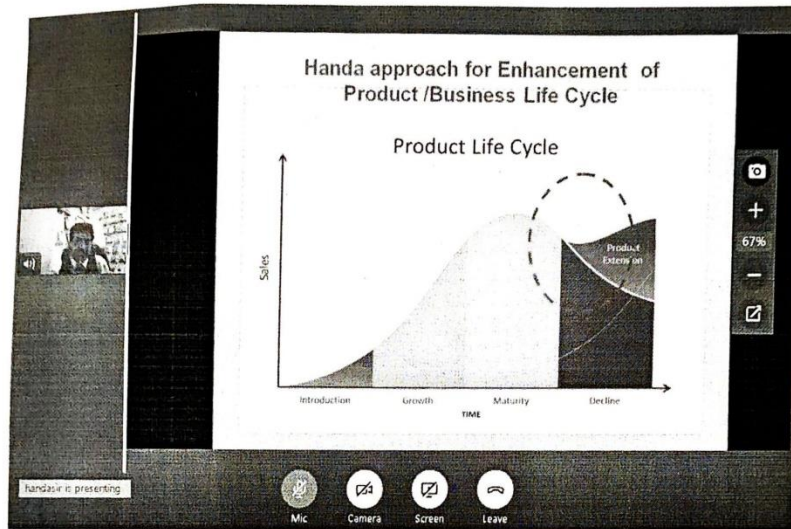
Customer Needs, Design Attributes, Relationships between Customer Needs and Design Attributes, Customer Perceptions, Correlation Matrix, Cost/Feasibility, Engineering Measures

- Establishes the Flowdown
- Relates WHAT'S & HOW'S
- Ranks The Importance

Zoom controls: Mic, Camera, Screen, Leave



Session delivered by Dr. Chandras C. Handa on Product Life Cycle



Session delivered by Prof. Dinesh Kumar on Supply Chain Management

Introduction

Key Objectives of Supply Chain

- Maximize overall value created
- Supply chain value: difference between what the final product is worth to the customer and the effort the supply chain expends to filling the customer's request
- Value is correlated to supply chain profitability (difference between revenue generated from the customer and the overall cost across the supply chain)
- Supply chain success should be measured by total supply chain profitability, not profits at an individual stage

Discussion Phases of a Supply Chain

- Supply chain strategy or design
- Supply chain planning
- Supply chain operation

Dinesh Kumar is presenting

Mic Camera Screen Leave

74%



Session delivered by Dr. N.V. Swamy Naidu on JIT & Kanban System

The screenshot shows a Zoom meeting interface. On the left, there is a video thumbnail of Dr. Swamy Naidu. The main area displays a presentation slide titled "Three Elements of JIT". The slide content includes:

- 1 Just-in-Time Manufacturing**
- 2 Total Quality Management**
- 3 Respect for People**

Text on the slide: "JIT manufacturing focuses on production system to achieve value added manufacturing" and "Respect for people rests on the philosophy that human resources are an essential part of JIT philosophy". A diagram on the right shows "TQM" with arrows pointing to "Quality of employees", "Quality of products", and "Quality of services".

At the bottom of the Zoom window, there are icons for Mic, Camera, Screen, and Leave. A status bar at the bottom left says "Dr. Swamy Naidu is presenting".

Session delivered by Shri Vikas Nashine on Factors Affecting Productivity in Blast Furnace

The screenshot shows a Zoom meeting interface. On the left, there are two video thumbnails: one for Dr. R. H. Gajjar and one for Vikas Nashine. The main area displays a presentation slide titled "Factors affecting Productivity and Coke Rate in Blast Furnance (Iron Making)". The slide content includes:

- VIKASH NASHINE**
- D.G.M. (OPR)**
- Blast Furnace Dept.**

At the bottom of the Zoom window, there are icons for Mic, Camera, Screen, and Leave. A status bar at the bottom left says "Vikas Nashine is presenting".

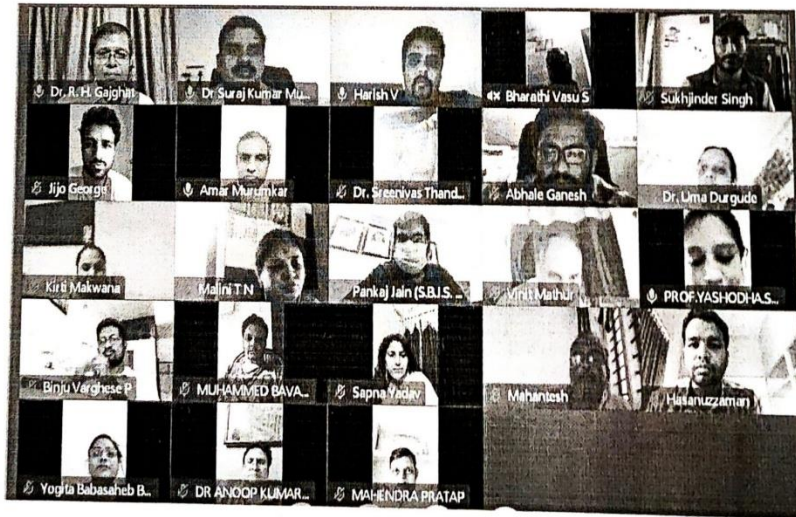


Session delivered by Brahmakumari Prachi on Recharging Inner Power

WHAT IS MY INNER POWER LEVEL..?

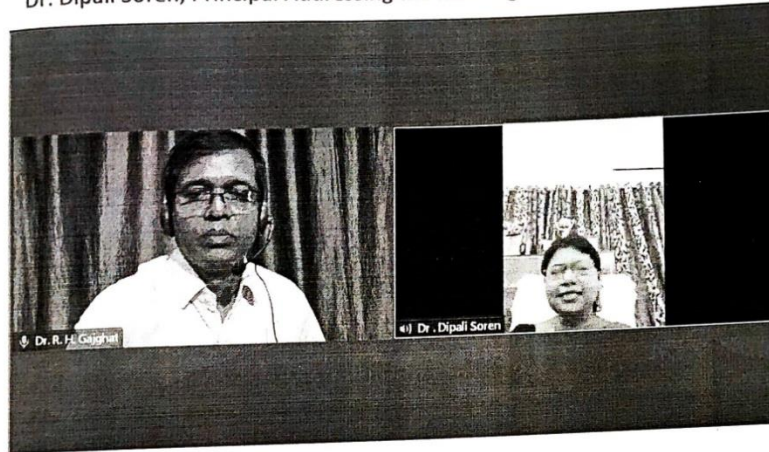
- Do you get tired easily?
- Do you get irritated with others in smallest of things?
- Is there always an inability to cope with situations
- Do you think too much about things you can do nothing about?
- Do you feel you need more rest than usual?
- Is there an inability to listen to other's problems and issues?
- Do you tend to get confused and find it difficult to make decisions?
- Does your time get wasted in trivial aspects?
- You feel adjusting with others is impossible?
- Do you experience regular headaches?

Screen Shot taken of the Participants during a Session





Dr. Dipali Soren, Principal Addressing the Meeting at Valedictory Function





Links for Recorded Videos

Day 01 **Date: 05/10/2020**

Session 1: Operations Mgmt: An Overview by Dr Rakesh L Himte, PIET, Nagpur

<https://transcripts.gotomeeting.com/#/s/528d836ecbcb7aa155e3a533533546e433324fab983ee97f468f92a21508f5b2>

Session 2: Enterprise Resource Planning by Dr Suraj Kumar Mukti, NIT, Raipur

<https://transcripts.gotomeeting.com/#/s/c990ab6580581f951b88a737862574ec428b0cd32cf0b612ea5ba42f574d8f3e>

Session 3: Lean Six Sigma by Dr Jitesh J Thakkar, NRTI, Vadodara

<https://transcripts.gotomeeting.com/#/s/3860740ac5d13344db179b408c939d88d2a14e711161edd0d0a7ef13d4fe2656>

Day 02 **Date: 06/10/2020**

Session 1: Total Productive Maintenance by Dr Anil Kumar Birru, NIT, Manipur

<https://transcripts.gotomeeting.com/#/s/edda78a7f44b4477d68d61333690446458f7c7fc0ff052576c4a34657fe9b264>

Session 2: Total Quality Management by Dr Rakesh L Himte, PIET, Nagpur

<https://transcripts.gotomeeting.com/#/s/dcb7250f41e7420741deebd9e586a19820d81bffe26b122bde8a98c9e3cdcf6>

Session 3: Inventory Management by Dr Suraj Kumar Mukti, NIT, Raipur

<https://drive.google.com/drive/folders/1betFRAXVUJy5JMVHllocXvcQ8PqRNdF?usp=sharing>

Day 03 **Date: 07/10/2020**

Session 1: Quality Function Deployment by Dr Shiena Shekhar, BIT, Durg

<https://drive.google.com/drive/folders/1betFRAXVUJy5JMVHllocXvcQ8PqRNdF?usp=sharing>

Session 2: Lean Manufacturing by Dr Anil Kumar Birru, NIT, Manipur

<https://transcripts.gotomeeting.com/#/s/d8dab4c2c9094d119af706fbb0b5b28a96006fdd1bf0b74cb5998be9239e7910>

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Session 3: Product Life Cycle by Dr Chandrahas C Handa, KDKCE, Nagpur

<https://transcripts.gotomeeting.com/#/s/b7506fd773ecc57ae5becde12094c51cd7e667d200067538b38e39f6564d1884>

Day 04 Date: 08/10/2020

Session 1: Product Design & Development by Dr Jagadish, NIT, Raipur

<https://transcripts.gotomeeting.com/#/s/ff30407f0968da7b8f67b9bff5388612c576dfd89917f94e4871680e7ba5c4a2>

Session 2: Factors Affecting Productivity by Mr Vikas Nashine, BSP, Bhilai

<https://transcripts.gotomeeting.com/#/s/13248c4ea36c6348d76423ce83605d56c68c0036d3771fc0b1c4f3591695a180>

Session 3: Supply Chain Management by Dr Dinesh Kumar, IIT, Roorkee

<https://transcripts.gotomeeting.com/#/s/67e0b7c9ac1b53876bfda715fbc761aed91fe0ce911581855a26f1c2b78517a2>

Day 05 Date: 09/10/2020

Session 1: JIT & Kanban System by Dr NVS Naidu, NIT, Raipur

<https://transcripts.gotomeeting.com/#/s/1b6671af1b73f9d8fe3b4a43e5058f3b73198f6ccc6d793ce874f1aa7ecf48e0>

Session 2: Recharging Inner Power by BK Prachi, Brahmakumaris Centre, Bhilai

<https://drive.google.com/drive/folders/1betFRAXVUJy5JMVHlllocXvcQ8PqRnDf?usp=sharing>

Session 3: Valedictory Function & Eligibility Test (Only Audio)

<https://drive.google.com/drive/folders/1betFRAXVUJy5JMVHlllocXvcQ8PqRnDf?usp=sharing>

With regards,

Dr. Radheshyam H. Gajghat

Program Coordinator

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Central Chronicle, Raipur 08/10/2020

AICTE Online FDP on Operations Management commences in CCET

Central Chronicle News

Bhilai, Oct 07: AICTE has taken various quality initiatives to promote technical education in the country which also includes enhanced impetus on development of the faculty teaching in the colleges across the country. The AICTE Training and Learning (ATAL) Academy is one initiative which has been conducting various Faculty Development Programmes for imparting and upgrading faculty knowledge in thrust and emerging areas.

Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai has started an Online FDP under ATAL Scheme on



Operations Management from October 5 to 9, 2020. Over all 42 such FDPs have started simultaneously and are being conducted by renowned institutions in India. A common online inaugural function was organised by AICTE which was presided over by AICTE Chairman, Prof Anil D Sahastrabudhey. CBSE Chairman, Manoj Ahuja, IAS, was the Chief Guest, and AICTE Vice-Chairman, Prof MP Poonia, AICTE Member Secretary, Prof Rajeev Kumar were the Guest of Honour. AICTE Chairman Prof Anil D Sahastrabudhey, in his inaugural session, enlightened the purpose of AICTE Training and Learning (ATAL) Academy that was basically started to train the engi-

neering faculties. Initially due to some constraints only limited faculties were trained in offline mode but now in the online mode it became possible to train the faculties in manifold.

Dr Ravindra Kumar Soni, Director, AICTE welcomed all the dignitaries and participants. The Vice-Chancellors/directors/principals of AICTE ATAL FDP organising institutes have expressed their views and gratitude towards AICTE for permitting to conduct such nice and useful programs for development of their faculties. Dr CRS Kumar has conducted the program and Dr Manoj Kumar Tiwari, Regional Officer & Asst Director, AICTE, proposed the vote of thanks.

Mukti, NIT Raipur and Dr Jitesh J Thakkar, NRTI, Vadodara. They have delivered the talk on Operations Management. An Overview, Enterprise Resource Planning, Assurance of Growth of an Organisation and Lean Six Sigma respectively.

His Grace Dr Joseph Mar Dionysius, Chairman, Rev Fr George C Varghese, Executive Vice-Chairman and Dr Dipali Soren, Principal welcomed the online meeting and congratulated the organizer, Dr RH Gajghat, Associate Professor, for organising such wonderful FDP on the important topic and gave their best wishes to all the 141 registered participants which are faculties, industrialists and research scholars from all over the country.

The Hitavada, Raipur 08/10/2020

CCET organises FDP

Business Reporter

BHILAI, Oct 8

A FIVE-DAY-LONG online faculty development programme is being organised by the Christian College of Engineering and Technology (CCET), Bhilai under the AICTE Training and Learning (ATAL) scheme on the topic, 'Operation Management'.

The programme was presided over by AICTE President, Prof Anil Sahastrabudhey while Manoj Ahuja, CBSE President graced the occasion as Chief guest and Member of Parliament, Prof P L Punia and Secretary AICTE, Prof Rajeev Kumar were the Guest of honour.

While delivering welcome speech, the Director AICTE, Dr Ravindra Kumar Soni has elaborated upon the AICTE ATAL FDP programme and said that such faculty development programme (FDP) are need of time in order to deal with the rapid changes and shifting paradigms in technical edu-

cation, robotic, IOT systems, blockchain and other experimental practices. There experts including Dr Rakesh L Himte, Dr Suraj Kumar and Dr Jitesh J Thakur have detailed about the significance of programme on the day one. Without such training, teaching is often reduced to instructors presenting their understanding of the subject by one-way lecturing. They added that presently, faculty development has become an increasingly important constituent of technical education offering a wide array of programmes.

This surge in growth had been brought about by recognising the value of faculty support in their roles as educators, researchers, and administrators aiming for an energetic academic life and culture. All executive and teaching staff member from CCET including His Grace Dr Joseph Mar Theodosius, Rev Father George C Varghese, Dr Dipali Soren and others congratulated the trainers.



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नई दुनिया

रायपुर, गुरुवार 8 अक्टूबर, 2020

नृणपोवरी

शिक्षक विकास पर हुआ आनलाइन कार्यक्रम

भिलाई। किंक्षेधन इंजीनियरिंग कालेज के मैकेनिकल इंजीनियरिंग विभाग द्वारा संचालन प्रबंधन पर अटल योजना के तहत एक आनलाइन शिक्षक विकास कार्यक्रम (एफडीपी) शुरू किया है। 42 से अधिक ऐसे एफडीपी एक साथ शुरू हुए हैं और भारत के प्रसिद्ध संस्थानों द्वारा संचालित किए जा रहे हैं। एआइसीटीई द्वारा आनलाइन उद्घाटन समारोह आयोजित किया गया। अध्यक्षता एआइसीटीई के अध्यक्ष प्रो. अनिल डी. सहस्त्रबुद्धे ने किया। सीबीएसई के अध्यक्ष मनोज आहूजा, एआइसीटीई के उपाध्यक्ष एमपी. पुनिया व सदस्य सचिव प्रो. राजिव कुमार ने हिस्सा लिया। प्रो. अनिल डी. सहस्त्रबुद्धे ने

कहा कि एआइसीटीई ट्रेनिंग एंड लर्निंग (एटीएएल) अकादमी के उद्देश्य को बताया जो मूल रूप से इंजीनियरिंग संकायों को प्रशिक्षित करने के लिए शुरू किया गया था। सीबीएसई के अध्यक्ष मनोज आहूजा ने एआइसीटीई और सीबीएसई के बीच सहयोग की आवश्यकता पर जोर दिया, जो सीबीएसई शिक्षकों के लिए उन्नत तकनीकों जैसे कि रोबोटिक्स, आईओटी, ब्लॉकचैन आदि के लिए उन्हें उन्नत और प्रशिक्षित करने के लिए फायदेमंद होगा। इस आनलाइन कार्यक्रम के लिए एक सौ 41 प्रतिभागी ने पंजीयन कराया था, जो पूरे देश के संकाय, उद्योगपति, शोधार्थी व अन्य शामिल रहे। (वि.)

Criterion 6

QIM 6.5.1 IQAC Initiatives



हरिभूमि, रायपुर ०८ १० २०२०

सीसीईटी में ऑपरेशंस मैनेजमेंट पर एआईसीटीई ऑनलाइन ट्रेनिंग शुरू

हरिभूमि न्यूज >>> गिलाई

एआईसीटीई ने देश में तकनीकी शिक्षा को बढ़ावा देने के लिए विभिन्न गुणकारी पहल की है। इसमें देश के सभी कॉलेजों में पढ़ाने वाले फैकल्टी के विकास (एफडीपी) के लिए प्रोत्साहित भी किया गया। एआईसीटीई ट्रेनिंग एंड लर्निंग (ओटीएल) अकादमी एक पहल है, जो उभरते क्षेत्रों में संकाय ज्ञान प्रदान करने और उन्नत करने के लिए विभिन्न संकाय विकास कार्यक्रमों का संचालन कर रही है।

क्रिश्चियन कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी के मैकेनिकल इंजीनियरिंग विभाग 5 से 9 अक्टूबर तक संचालन प्रबंधन पर एटीएएल योजना के तहत एक ऑनलाइन एफडीपी शुरू की है। सभी 42 से अधिक ऐसे एफडीपी एक साथ शुरू हुए हैं व भारत के प्रसिद्ध संस्थानों द्वारा संचालित किए जा रहे हैं। एआईसीटीई द्वारा ऑनलाइन उद्घाटन समारोह की अध्यक्षता एआईसीटीई के अध्यक्ष प्रो अनिल डी सहस्रबुद्धे ने की थी। सीबीएसई के अध्यक्ष मनोज आहूजा मुख्य अतिथि व एआईसीटीई के उपाध्यक्ष प्रो एमपी पुनिया, एआईसीटीई के सदस्य सचिव, प्रो राजिव कुमार गेस्ट ऑफ ऑनर थे।

श्री सहस्रबुद्धे ने अकादमी के उद्देश्य को बताया। श्री आहूजा ने एआईसीटीई और सीबीएसई के बीच सहयोग की आवश्यकता पर जोर दिया, जो सीबीएसई शिक्षकों के लिए उन्नत तकनीकी जैसे कि



- क्रिश्चियन कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी का संचालन प्रबंधन पर ऑनलाइन एफडीपी शुरू

रोबोटिक्स, आईआटी, ब्लॉकचेन, ए आई आदि के लिए उन्हें उन्नत और प्रशिक्षित करने के लिए फायदेमंद होगा। अतिथियों और प्रतिभागियों का स्वागत डॉ. रवींद्र कुमार सोनी ने किया। कार्यक्रम का संचालन डॉ. सीआरएस कुमार ने किया। डॉ मनोज कुमार तिवारी, क्षेत्रीय अधिकारी और सहायक, निर्देशक एआईसीटीई ने धन्यवाद प्रस्ताव दिया। एफडीपी के आयोजक ने तीनों विशिष्ट विशेषज्ञों को पहले दिन डॉ राकेश एल हिमते पीआईईटी नागपुर, डॉ सूरज कुमार भुक्ति, एनआईटी रायपुर और डॉ जितेश जे ठक्कर, एनआरटीआई, वडोदरा ने अपनी उपस्थिति दी।

हिस ग्रेस डॉ जोसेफ मार डियोनिसियस, अध्यक्ष, रेव फादर जॉर्ज सी वर्गीस, कार्यकारी उपाध्यक्ष और डॉ दीपाली सोरेन, प्रिंसिपल ने ऑनलाइन बैठक का स्वागत किया और महत्वपूर्ण विषय पर इस तरह की एफडीपी के आयोजन के लिए आयोजक डॉ आरएच मजघाट, एसोसिएट प्रोफेसर का हर्ष व्यक्त किया।



Annexure-1



All India Council for Technical Education

A Statutory body under Ministry of HRD, Govt of India.
Nelson Mandela Marg, Vasant Kunj, New Delhi 110070
Website: www.aicte-india.org



AICTE Training and Learning (ATAL) Academy, (Online FDP)

Date: 17/1/2020

F No. 01/AICTE/ATAL-HQ/2020-21

To

Christian College of Engineering & Technology
CHHATTISGARH

Sub: Release of a sum of Rs 93,000/- for AICTE Training and Learning (ATAL) Academy programme Online FDP of Nine Thrust Areas and Other Emerging Areas.

Sir

This is to convey the sanction of the Council for payment of Rs. 93,000/- (Rupees Ninety -Three Thousand Only) for conduct of online AICTE Training And Learning (ATAL) Academy Programme (Operations Management) to (Christian College of Engineering & Technology), under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

- a. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure
- b. The cost for conducting per programme will be Rs.93,000/- as per detail given as under:

1.	Honorarium for Director	Rs. 10,000/-
2.	Honorarium to Co-ordinator Rs.2000/- per day x 5 days	Rs. 10,000/-
3.	Honorarium for experts (Rs.3000 per session for total 14 session)	Rs. 42,000/-
4.	Provision for payment to Lab Attendant engaged during lab practices	Rs. 1000/-
5.	Institutional charges	Rs. 15,000/-
6.	Miscellaneous charges	Rs. 15,000/-
TOTAL =		Rs.93,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact

- c. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

Handwritten signature and date: 17/1/20



ii. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University Institute through electronic transfer on the account of the University Institute after submission of mandate form

iii. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program
- The certificates shall be issued to those participants who have attended the program with minimum 80% of attendance and scored minimum 60% marks in the test

IV. Submission of documents by university institution

- a. The following mandatory relevant documents are required to be submitted by the university institution within one month of the completion of the program:
 - (i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator
 - (ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc within one month of conduct of AICTE Training and Learning (ATAL) Academy programme
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust

V. General Instructions

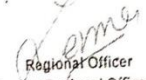
- a. Maximum 200 participants may be allowed to attend online FDP on a first come first serve basis; however AICTE officials may be allowed to attend over and above 200 number. Coordinators are free to admit less number of participants depending on the feasibility.
- b. You are requested to allow new participants and discourage participants who have already done one online ATAL FDP earlier.
- c. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 60% in the test will be issued a digital certificate.
- d. These online sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP. You are also requested to share recording of sessions with AICTE.
- e. Eligibility for Participants:
 - (i) The faculty members of the AICTE approved institutions, research scholars, PG, Scholars, participants from Government, Industry, Bureaucrats, Technicians, Participants from Industry etc. and staff of host institutions
 - (ii) Not more than 30% from Host Institution
- f. If programme is not conducted in the year 2020 only the released amount, along with interest accrued thereon, has to be returned back to AICTE.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.



- Any unavoidable circumstantial change in the Program with respect to name of Project Coordinator and date for organizing online AICTE Training and Learning (ATAL) Programme would mandatorily require prior approval of the Council. All such requests should be addressed to ATAL Academy, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,


Regional Officer
Central Regional Office
AICTE-Bhopal

Copy forwarded for information and necessary action to :

1. Radheshyam H. Gajghat, Coordinator ATAL Programme
2. ATAL Academy Cell AICTE HQ
3. Guard File



Christian College of Engineering & Technology

Grant From AICTE

Ledger Account

28-Sep-2020 to 29-Oct-2020

Date	Particulars	Vch Type	Vch No.	Debit	Page	
					Debit	Credit
28-9-2020	Dr SBI-32147321306 Receipt FDP (ATAL) AMOUNT COORDINATOR DR. RADHESHYAM H GAJGHAT		68		93,000.00	
21-10-2020	Cr SBI-30250228746 Payment BEING PAYMENT MADE AS REMUNERATION TO SPEAKER OF FDP ATAL FACULTY DEVELOPMENT PROGRAMME ON OPERATION MANAGEMENT		225	42,000.00		
22-10-2020	Cr SBI-32147321306 Payment BEING PAYMENT MADE TO DIPALI SOREN AGAINST FDP 417047		233	10,000.00		
	Cr SBI-32147321306 Payment BEING PAYMENT MADE TO RADHESHYAM GAJGHAT 417048		234	10,000.00		
	Cr SBI-32147321306 Payment BEING PAYMENT MADE TO P.S RAO FDP 417049		235	1,000.00		
29-10-2020	Cr (as per details) Payment Advance to Employees (Expense) Cash BEING PAYMENT MADE AGAINST VARIOUS MISCELLANEOUS ITEM FOR FDP ATAL FACULTY DEVELOPMENT PROGRAMME ON OPERATION MANAGEMENT		242	15,007.00		
			15,000.00 Cr 7.00 Cr			
Carried Over				78,007.00	93,000.00	

continued ...

[Handwritten Signature]
29/10/2020





Christian College of Engineering & Technology
 Grant From AICTE Ledger Account 28-Sep-2020 to 29-Oct-2020 Page 2

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Brought Forward			78,007.00	93,000.00
29-10-2020	Cr Other Receipts BEING INSTITUTIONAL CHARGES FROM AICTE TRAINING & LEARNING FOR FACULTY DEVELOPMENT PROGRAMME ON OPERATION MANAGEMENT	Journal	13	15,000.00	
				93,007.00	93,000.00
	Dr Closing Balance				7.00
				<u>93,007.00</u>	<u>93,007.00</u>

[Handwritten Signature]
 29/10/2020





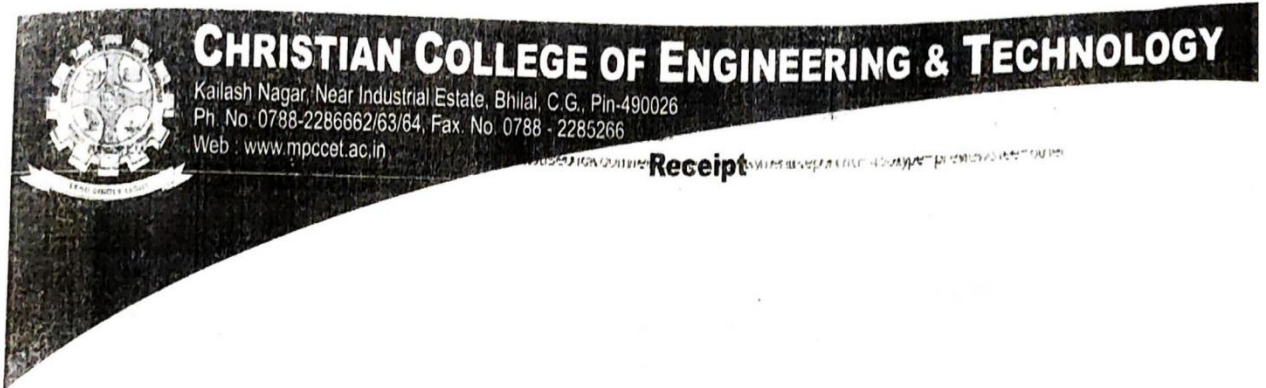
Established in 1998

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

Kailash Nagar, Near Industrial Estate, Bhilai, C.G. Pin-490026
Ph. No. 0788-2286662/63/64, Fax. No. 0788 - 2285266
Web : www.mpcet.ac.in

Receipt

RECEIPT NO. :	20-21/F/157	RECEIPT DATE :	20/09/2020
NAME :	ATAL (ACADEMY PROGRAMME) FDP	LNROLL NO. :	
FATHER'S NAME :		MOTHER'S NAME :	
MOBILE NO. :			

FEE HEAD	AMOUNT
GRANT FROM AICTE	93000.00
Bank: NA	Total Fee : 93,000.00
Cheque No. : 353357	Paid Amount : 93,000.00
Date: 2020-09-28	

TERMS & CONDITIONS

SUBJECT TO REALIZATION OF CHEQUE/DEMAND DRAFT/NFT BANKING
FINE OF RS 25/- PER DAY WILL BE CHARGED AFTER THE DUE DATE

Signature (Admin)

Accountant

Cashier



**Annexure-II**

NAME & ADDRESS OF THE INSTITUTE: **CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY, KAILASH NAGAR, INDUSTRIAL ESTATE P.O., BHILAI-490026**

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2020-21

Name of the Scheme under which Grant was sanctioned: **AICTE Training and Learning Programme**
(to be submitted separately for each sanction order)

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21

Name of Coordinator : Dr. Radheshyam H. Gajghat

Dates of the Programme : 05/10/2020 to 09/10/2020



Title of the ATAL Programme : Faculty Development Programme on Operations Management

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	01/AICTE/ATAL-HQ/2020-21 03/09/2020	93000/-	Certified that out of the grant-in-aid of Rs. Ninety three thousand only (in words) sanctioned by the AICTE during the financial year 2020-21 in favour of Christian College of Engineering & Technology, Bhilai (name of the institute) as per letter mentioned in the margin, Rs. Nil on account of unspent balance of previous year, Rs. Nil on account of other income / receipts, a sum of Rs. Ninety three thousand only has been utilized for the purpose for which it was sanctioned and the balance of Rs. Nil remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -

- Audited Annual Accounts of the Institute
- Receipt and Payment account
- Periodical Progress Reports

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

Dr. Radheshyam H. Gajghat

Plot No. 5, Cross Street 4, Near Anandmarg Ashram, Anand Nagar, Bhilai-490020



CA. Roshan V. Koshy


Principal
Christian College



2). Signature of Chartered Accountant:
Name of Chartered Accountant:
Roshan V Koshi
Membership No: **CA. Roshan V. Koshi**
Rubber stamp: Chartered Accountant
Full Address: **Membership No. 424803**
Date: 02-11-2020
UDIN : 20424803AAAAAR 877 9

3). Signature of Head of the Institute:
Name & Designation of the Head of Institute:
Dipali Soren
Dr. Dipali Soren, Principal
Rubber stamp: **Principal**
Full Address: **Christian College**
of Engg. & Tech., Bhilai
Date: 28/10/2020

4). Signature of the Finance Officer/Accounts Officer:
Name of the Finance Officer/Accounts Officer:
(If it is Govt./Govt. Aided Institute)

Note:- If it is more than one page, each page must be signed in all annexure.

(Dr. P. M. Gajghate)



Annexure-III

AICTE Training And Learning(ATAL) Academy Programme


FORMAT FOR STATEMENT OF EXPENDITURE

AICTE File No. : 01/AICTE/ATAL-HQ/2020-21

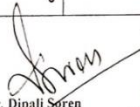
Title of the Programme : Online ATAL Faculty Development Programme on Operations Management

Name of the Coordinator : Dr. Radheshyam H. Gajghat

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Itemwise	Amount Rs. (in each head)	No. of Participants	Duration of the Programme (with dates)
01/AICTE/ATAL-HQ/2020-21 03/09/2020	Rs. 93,000/-	1. Honorarium for Director/Vice-chancellor/Head of Institution	10,000/-	141	05/10/2020 to 09/10/2020
		2. Honorarium to Coordinator Rs 2000/- per day x 5 days	10,000/-		
		3. Honorarium for experts (Rs 3000 per session for total 14 sessions).	42000/-		
		4. Payment to Assistant	1000/-		
		5. Institutional charges	15000/-		
		6. Miscellaneous charges	15007/-		
		Total	93007/-		
		Grant Received	93000/-		
		Balance to be Received	0		

(1) 
 Name and Signature of Coordinator
 with Seal



(1) 
 Name and Signature of Principal
 Head of Institution with Seal

(2) Signature (with Seal) of the Finance Officer/
 Auditor/Accounts Officer
 (If it is Govt./Govt. Aided Institute)

(3) Signature of Chartered Accountant:
 Name of Chartered Accountant:
 Membership No: CA. Roshan V. Koshy
 Rubber stamp: Chartered Accountant
 Full Address: Membership No. 424803
 Date: 02-11-2020
 UDIN : 20424803AAAAA8779

Note:- If it is more than one page, each page must be signed in all annexure.



Banking Details of Speaker's										
Sr. No.	Name	Bank	Branch	Email ID	No. of Sessions Taken	Total Amount to Pay (Rs.)	A/c No.	IFSC Code	PAN No.	
1	Chandrabhas Handa	Punjab National Bank	Hanuman Nagar, Medical Square, Nagpur	chandrabhasanda@rediffmail.com	1	3000	2723000100192517	PUNB0272300	AAFPH9839P	
2	Suraj Kumar Mukti	State Bank of India	GCEIT Branch, Raipur	skmukti.mech@nitrr.ac.in	2	6000	30821433608	SBIN0002852	AQHPN0808K	
3	Mrs. Shienna Shekhar	UCO Bank	BIT Extension, Durg	shienna.shekhar@bitdurg.ac.in	1	3000	18290100002399	UCBA0001829	A.XYPS753SN	
4	Vikas Nashine Thakkar	State Bank of India	Sector 10, Bhilai	vikashmashine@gmail.com	1	3000	10026330854	SBIN0006942	ABPPN0681G	
5	Jitesh Thakkar	State Bank of India	Kharapur, East Medinipur	jitesh.thakkar@nrti.edu.in	1	3000	31188457916	SBIN0000202	ACHPT6751C	
6	B K Prachi	Bank of Baroda	Civic Centre, Bhilai	bhilai@bki.vv.org	1	3000	05090100012229	BARB0BHILA	No PAN No.	
7	Rakesh Himte	Axis Bank Ltd	Manish Nagar, Nagpur	rakeshimte@gmail.com	2	6000	911010048708193	UTIB0000214	ABLPH8447G	
8	Jagadish Kumar	State Bank of India	GECT Raipur	jagadish.mech@nitrr.ac.in	1	3000	33079017180	SBIN0002852	AKHPJ6076C	
9	Dinesh Kumar N V Swamy Naidu	Axis Bank Union Bank of India	Civil line Roorkee-247667	dineshme@me.itrr.ac.in nvsnaidu.mech@nitrr.ac.in	1	3000	249010100030870	UTIB0000249	ADLPK1558M	
10	Anil Kumar Birru	Bank of Baroda	Rudrarum	anilbirru@gmail.com	1	3000	642902010001250	UBIN0564290	ACFPN2986F	
11			NIT Manipur, Imphal		2	6000	60330100000296	BARB0NITM	BJTPB6450L	
Principal, Coordinator and Assistant										
1	Mrs. Dipali Soren	State Bank of India	Industrial Estate, Kailas Nagar, Bhilai	principal.01@csvtu@gmail.com	Principal	10000	10278078396	SBIN0003510		
2	Radheshyam H. Gajghat	State Bank of India	Industrial Estate, Kailas Nagar, Bhilai	radheshyam@gmail.com	Coordinator	10000	11119474738	SBIN0003510	AIXPC0068B	
3	P. Shrinivasa Rao	State Bank of India	Industrial Estate, Kailas Nagar, Bhilai	Srinivas.indore@gmail.com	Assistant	1000	30531483069	SBIN0003510		
4	CCET, Bhilai	State Bank of India	Industrial Estate, Kailas Nagar, Bhilai		Institutional Charges	15000				

2022
17/11/22
[Signature]



Christian College of Engineering & Technology

Payment Voucher

No. : 234

Dated : 22-Oct-2020

Particulars	Amount
Account :	
Grant From AICTE	10,000.00

Through :

SBI-32147321306

On Account of :

BEING PAYMENT MADE TO RADHESHYAM
GAJHAT 417048

Amount (in words) :

INR Ten Thousand Only

₹ 10,000.00

Exe. Vice Chairman / Bursar / Finance Controller

Receiver's Signature:

Accountant



Christian College of Engineering & Technology

Payment Voucher

No. : 235

Dated : 22-Oct-2020

Particulars	Amount
Account : Grant From AICTE	1,000.00

Through :

SBI-32147321306

On Account of :

BEING PAYMENT MADE TO P.S RAO FDP
417049

Amount (in words) :

INR One Thousand Only

₹ 1,000.00

Exe. Vice Chairman / Bursar / Finance Controller

Receiver's Signature:

Accountant



Bhilai
22/10/2020

To,
The Executive Vice-Chairman,
CCEET, Bhilai

Subject - To release FDP Remuneration

Respected Sir,

I would like to inform you that our ATAL FDP on Operations Management is completed successfully and now we have to complete all transactions as early as possible and send the utilization certificate to AICTE.

Already the remunerations of all the experts have been transferred to their accounts as per details attached.

Kindly allow the transfer of remuneration to the Principal, Coordinators and Assistant as per AICTE Guidelines, details of which are attached herewith.

Thanking you.

As per call no. when the amount.
22/10/2020

Yours Sincerely,

Dr. R. H. Gajshat
Coordinator, FDP on Operations Management

**Online ATAL FDP on Operations Management at CCET, Bhilai**

Sr. No.	Salutation	Name	05/10/20	06/10/20	07/10/20	08/10/20	09/10/20	Attendance %	Marks with	Result
1	Mrs.	KAVITHA RAJAYOGAN	1	1	1	1	1	100	60	P
2	Mr.	Rajidi Rammohan Reddy	1	1	1	A	1	80	66	P
3	Dr.	J.Jayapriya	1	1	1	1	1	100	60	P
4	Dr.	Shilpi Jauhari	1	1	1	1	1	100	70	P
5	Dr.	Kajal Maheshwari	1	1	1	1	1	100	86	P
6	Dr.	E.GOPI	1	1	1	1	1	100	62	P
7	Mr.	Mahendra Pratap	1	1	1	1	1	100	62	P
8	Mrs.	K Susmitha	A	A	A	A	A	0	A	A
9	Mr.	Harish	1	1	1	1	1	100	88	P
10	Mr.	BHUPESH UMATH	A	A	A	A	A	0	A	A
11	Mrs.	Vibhuti Save	1	A	1	1	1	80	74	P
12	Mrs.	Sravani Chari	A	A	A	A	A	0	A	A
13	Mrs.	RANJINI T	A	A	A	A	A	0	A	A
14	Mr.	R.Srinivasa Rao	A	A	A	A	A	0	A	A
15	Dr.	Tinu Kaur	1	1	1	1	1	100	84	P
16	Mr.	Jijo George	1	1	1	1	1	100	80	P
17	Mr.	SANKALP VERMA	1	1	1	1	1	100	82	P
18	Mr.	Santhosh Raja R	A	A	A	A	A	0	A	A
19	Mr.	ESWAR BALACHANDAR G	1	A	1	1	1	80	60	P
20	Dr.	Sathish Kumar D	1	A	A	A	A	0	A	A
21	Miss	E.MATHIVADHANA	A	A	A	A	A	0	A	A
22	Mrs.	Rahiba Singh	1	1	1	1	1	100	60	P
23	Dr.	Uma Durgude	1	1	1	1	1	100	74	P
24	Mr.	AKASH SUBHASH PATIL	A	A	A	A	A	0	A	A
25	Miss	AAZIYA A	1	1	1	1	1	100	68	P
26	Mr.	Anup Satish Pawar	1	1	1	1	1	100	90	P
27	Mr.	Karan B Deore	A	A	A	A	A	0	A	A
28	Mr.	Ketan vijay kadu	1	1	1	A	1	80	60	P
29	Miss	Anuradha Padwal	1	1	1	1	1	100	60	P
30	Mr.	Rahul Kumar	A	A	A	A	A	0	A	A
31	Miss	Bismilla Jamadar	A	A	A	A	A	0	A	A
32	Miss	Sapna Yadav	1	1	1	1	1	100	78	P
33	Mrs.	Pooja Rakhecha	1	1	1	1	1	100	86	P
34	Dr.	Manish Tanwar	1	1	1	1	1	100	84	P
35	Dr.	Tushar Dhanraj Tale	A	A	A	1	A	20	A	A
36	Dr.	KANNA ASHOK REDDY	1	1	1	1	1	100	60	P
37	Dr.	Deepali Desai	1	1	1	1	A	80	76	P
38	Dr.	A. Arun Kumar	1	1	1	1	1	100	60	P
39	Mr.	Amit Sarda	1	1	1	A	1	80	60	P
40	Miss	Priya	1	1	1	1	1	100	82	P
41	Mrs.	Bincy Sam	1	1	1	1	1	100	84	P
42	Mr.	Matthew Bhasker Singh	1	1	1	1	1	100	82	P
43	Mr.	Martin Mysa	A	1	1	1	1	80	76	P
44	Dr.	SWATI BHARGAVA	1	1	1	1	1	100	78	P

**Online ATAL FDP on Operations Management at CCET, Bhilai**

Sr. No.	Salutation	Name	05/10/20	06/10/20	07/10/20	08/10/20	09/10/20	Attendance %	Marks with	Result
45	Mr.	HARSHA MARIO AKANO	A	1	1	1	1	80	60	P
46	Dr.	Hasanuzzaman	1	1	1	1	A	80	86	P
47	Dr.	NIMESH GUPTA	A	A	A	A	A	0	A	A
48	Mr.	MANOJ KUMAR ROUT	1	1	1	1	1	100	72	P
49	Mr.	Dain D Thomas	1	1	1	1	1	100	88	P
50	Dr.	Diwakaran	A	A	A	1	A	20	22	F
51	Dr.	ANOOP KUMAR TULI	1	1	1	1	1	100	76	P
52	Miss	Monika sonker	A	A	A	A	A	0	A	A
53	Mr.	Jitendra patoliya	A	A	A	A	A	0	A	A
54	Dr.	PALAK CHHABLANI	1	1	1	1	A	80	60	P
55	Mr.	Sreenivas Thandava	1	1	1	1	A	80	60	P
56	Mr.	SHILADITYA NATH	A	A	A	A	A	0	A	A
57	Dr.	Preetha F James	1	1	1	1	A	80	80	P
58	Mrs.	Hamritha S	A	1	1	1	1	80	66	P
59	Dr.	Ravindra Asharam Kayande	1	1	1	1	1	100	64	P
60	Mr.	SACHIN KUMAR ROHATGI	A	A	A	A	A	0	A	A
61	Dr.	C. J. Rajendra Prasad	A	1	1	1	1	80	90	P
62	Mr.	SANDEEP SURESH RASKAR	A	A	A	A	A	0	A	A
63	Mrs.	P.Kalpana	1	1	1	1	1	100	32	F
64	Miss	Shubhangi Rajput	A	A	A	A	A	0	A	A
65	Mr.	S Md Ershad	1	1	1	1	1	100	60	P
66	Mr.	Sukhjinder Singh	1	1	1	1	1	100	72	P
67	Mr.	ANIL KUMAR MISHRA	A	1	A	A	A	20	A	A
68	Mr.	Roopesh Sinha	1	1	1	1	A	80	74	P
69	Mr.	Mahantesh M Ganganallimath	A	1	1	1	1	80	76	P
70	Dr.	S KANIMOZHI	1	1	1	1	1	100	82	P
71	Miss	Aiman Khatoon	A	A	A	A	A	0	A	A
72	Mr.	Karan Ashok Shetty	1	1	1	A	1	80	A	A
73	Mr.	ABHALE GANESH ARUN	1	1	1	1	1	100	82	P
74	Dr.	Manoranjan Dash	1	1	1	1	1	100	60	P
75	Mrs.	Shaila Dhaipule	A	A	A	A	A	0	A	A
76	Mr.	VENKATAPATHI VARMA MANDAPATI	1	1	1	1	1	100	60	P
77	Dr.	Malini T N	1	1	1	1	1	100	68	P
78	Mrs.	Sonal Rai	A	1	1	1	1	80	74	P
79	Mr.	SANDIP SUBHASHRAO PATIL PATI	1	1	1	1	A	80	60	P
80	Mr.	Morrish Kumar	1	1	1	A	1	80	60	P
81	Mr.	ANWAR AHMED	A	A	A	A	A	0	A	A
82	Dr.	D. Yuvaraj	1	1	1	1	1	100	68	P
83	Mr.	Karan Khurana	A	A	A	A	A	0	A	A
84	Dr.	S BHARATHI VASU	1	1	1	1	1	100	68	P
85	Mr.	SIVANAGARAJU AKKI	1	A	A	A	A	20	A	A
86	Mr.	Mohd Rukunuddin Siddiqui	1	1	1	1	1	100	60	P
87	Mr.	Soumava Boral	1	1	1	1	1	100	74	P
88	Dr.	Kedar	1	1	1	1	1	100	62	P

**Online ATAL FDP on Operations Management at CCET, Bhilai**

Sr. No.	Salutation	Name	05/10/20	06/10/20	07/10/20	08/10/20	09/10/20	Attendance %	Marks with	Result
89	Mr.	Vishnu Jangid	1	1	1	1	A	80	76	P
90	Mr.	Saurabh Gupta	1	1	1	1	1	100	82	P
91	Mr.	Amar Babu Murumkar	1	1	1	1	1	100	74	P
92	Mr.	N.RajeshRajan	1	1	1	1	1	100	60	P
93	Mr.	Rambabu Ainala	1	1	1	1	1	100	A	A
94	Mrs.	PREMALATHA	1	1	1	1	1	100	78	P
95	Dr.	K.Velusamy	1	A	1	1	1	80	78	P
96	Miss	Kirti Makwana	1	1	1	1	A	80	64	P
97	Dr.	Karishma Chaudhary	1	1	1	1	1	100	82	P
98	Mr.	Lalit Narwar	1	1	1	1	1	100	66	P
99	Mr.	ARUN KUMAR SAO	1	1	A	1	1	80	86	p
100	Mr.	Kakde Dipak V	A	1	A	1	A	40	A	A
101	Mr.	Binju Vargese P	1	1	1	1	1	100	72	P
102	Mrs.	T.V.S.S.Swathi	1	1	1	1	1	100	82	P
103	Dr.	Ankita Rajdev	1	1	1	1	A	80	64	P
104	Mr.	Ranu singh	1	1	1	1	1	100	70	P
105	Dr.	Sreekumar V	1	1	1	1	1	100	72	P
106	Miss	Rashmirekha Mallick	1	1	1	1	A	80	60	P
107	Dr.	Frank Sunil Justus	1	1	1	1	1	100	90	P
108	Mr.	Deepak Gupta	1	1	1	1	1	100	A	A
109	Mr.	Nikhil Varma	A	1	A	A	A	20	A	A
110	Mr.	MUHAMMED BAVA PAZHERI	1	1	1	1	1	100	62	P
111	Dr.	V P Rameshkumaar	1	1	1	1	1	100	78	P
112	Dr.	Patel hirenkumar jayantkumar	A	1	1	1	1	80	74	P
113	Mr.	VEERESH TRIPATHI	A	A	A	A	A	0	A	A
114	Mrs.	Yashodha.S.M	1	1	1	1	1	100	60	P
115	Mr.	MD RAMJANUL HAQUE	1	1	1	1	1	100	74	P
116	Mrs.	SURBHI BIRLA	A	A	A	A	A	0	52	F
117	Miss	Shruti S Hudgi	1	A	1	1	1	80	32	F
118	Mr.	GANESH KUMAR S	1	1	1	1	1	100	60	P
119	Mrs.	S.SUDHA	1	1	1	1	1	100	66	P
120	Dr.	Pankaj Jain	1	1	1	1	1	100	78	P
121	Miss	Aishwarya Gupta	1	1	1	1	1	100	74	P
122	Mr.	Chetan Dattatray Valunj	1	1	1	1	1	100	82	P
123	Dr.	VINIT MATHUR	1	1	1	1	1	100	80	P
124	Miss	Vaishnavi marwaha	A	1	1	1	1	80	98	P
125	Dr.	Banumathi M	1	1	1	1	1	100	36	F
126	Mr.	Sharanabasappa G Malipatil	1	1	1	1	1	100	60	P
127	Mr.	Pankaj Ramanlal Beldar	1	1	1	1	1	100	86	P
128	Mr.	AHIRE PRITAMKUMAR DILIP	1	1	1	1	1	100	82	P
129	Mr.	Mahendra Madhavrao Dhanai	1	1	1	1	1	100	80	P
130	Mr.	Pankaj Balasaheb Ranade	1	1	1	1	1	100	92	P
131	Mr.	Bhandare Ramesh Vasant	1	1	1	1	1	100	82	P
132	Miss	Sandeepa V	1	A	A	A	A	20	A	A

**Online ATAL FDP on Operations Management at CCET, Bhilai**

Sr. No.	Salutation	Name	05/10/20	06/10/20	07/10/20	08/10/20	09/10/20	Attendance %	Marks with	Result
133	Mr.	Md Reza Rafat	1	1	1	1	1	100	60	P
134	Miss	Yogita Babasaheb Bhagat	1	1	1	1	1	100	62	P
135	Mr.	Pramod Vishnupant Mulik	1	1	1	1	A	80	72	P
136	Mr.	Rajendra Tukaram Salunkhe	1	1	1	1	1	100	72	P
137	Dr.	Manoj Arunrao Kumbhalkar	1	1	1	1	A	80	60	P
138	Dr.	Baxiskumar Ishvarbhai Patel	1	A	1	1	1	80	62	P
139	Miss	Neha Aggarwal	A	1	A	A	A	20	A	A
140	Mr.	Kishor S. Rambhad	1	1	1	1	A	80	76	P
141	Dr.	Mritunjay Kumar	1	1	1	1	1	100	68	P

P = 102

F = 6

A = 33

Criterion 6**QIM 6.5.1 IQAC Initiatives**



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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. (Minority run Institution)

Esttd. 1998, Reg. No. M.P.8400/24.10.79

Approved by All India Council for Technical Education, Affiliated to CSVTU

Formerly Known as

MPC CET

ccet@ccetbhilai.ac.in

www.ccetbhilai.ac.in

Ref.No. CCET/2020/ 160

16th October 2020

To,
Brahmakumari Prachi
Rajyoga Teacher
Brahmakumaris Centre, Bhilai

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Sister,

We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "Recharging Inner Powers" scheduled on 9th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

Though, words may not fully express our appreciation of your efforts, this is to acknowledge and place on record, our deep sense of gratitude on behalf of Christian College of Engineering & Technology, Bhilai.

We look forward to a similar cooperation and enthusiastic participation in the future.

Dr. Dipali Soren
Principal
CCET, Bhilai

Principal
Christian College
of Engg. & Tech., Bhilai

Dr. P. S. Rao
HOD
Mech. Engg. Dept.

Dr. R. H. Gajghat
Coordinator
FDP-OM

Dr. STEPHANOS MAR THEODOSIUS ROAD, KAILASH NAGAR, NEAR INDUSTRIAL ESTATE, BHILAI. C.G. PIN: 490026 Fax : 0788 228 5266, Tel: 0788 228 6662 /63

Criterion 6

QIM 6.5.1 IQAC Initiatives



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ccet@ccetbhilai.ac.in

Ref No: CCET/2020/ 159

www.ccetbhilai.ac.in

16th October 2020

To,
Shri Vikas Nashine
Deputy General Manager
Bhilai Steel Plant, Bhilai

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Sir,

We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "Factors Affecting Productivity and Coke Rate in Blast Furnace (Iron Making) Process" scheduled on 8th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

Though, words may not fully express our appreciation of your efforts, this is to acknowledge and place on record, our deep sense of gratitude on behalf of Christian College of Engineering & Technology, Bhilai.

We look forward to a similar cooperation and enthusiastic participation in the future.

16/10/2020

Dr. Dipali Soren
Principal
CCET, Bhilai

Principal
Christian College
of Engg. & Tech., Bhilai

16/10/2020

Dr. P. S. Rao
HOD
Mech. Engg. Dept.

16/10/2020

Dr. R. H. Gajghat
Coordinator
FDP-OM



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Formerly Known as

MPC CET

ccet@ccetbhlai.ac.in

www.ccetbhlai.ac.in

Ref.No. CCET/2020/ 158

16th October 2020

To,
Dr. Jagadish
Assistant Professor
Department of Mechanical Engineering
National Institute of Technology, Raipur

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Sir,

We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "Product Design & Development" scheduled on 8th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.


We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

Though, words may not fully express our appreciation of your efforts, this is to acknowledge and place on record, our deep sense of gratitude on behalf of Christian College of Engineering & Technology, Bhilai.

We look forward to a similar cooperation and enthusiastic participation in the future.


Dr. Dipali Soren
Principal
CCET, Bhilai

Principal
Christian College
of Engg. & Tech., Bhlai


Dr. P. S. Rao
HOD
Mech. Engg. Dept.


Dr. R. H. Gajghat
Coordinator
FDP-OM

Dr. STEPHANOS MAR THEODOSIUS ROAD, KAILASH NAGAR, NEAR INDUSTRIAL ESTATE, BHILAI. C.G. PIN: 490026 Fax : 0788 228 5266, Tel: 0788 228 6662 /63 /6

Criterion 6

QIM 6.5.1 IQAC Initiatives



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www.cetbhilai.ac.in

Ref.No. CCET/2020/ 157

16th October 2020

To,

Dr. Chandras C. Handa

Professor

Head of Department

Department of Mechanical Engineering

Karmaveer Dadasaheb Kannamwar College of Engineering, Nagpur

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Sir,

We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "Product Life Cycle: A Tool for Successful Business" scheduled on 7th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

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Dr. Dipali Soren
Principal

CCET, Bhilai

Principal
Christian College
of Engg. & Tech., Bhilai

Dr. P. S. Rao
HOD
Mech. Engg. Dept.

Dr. R. H. Gajghat
Coordinator
FDP-OM

Dr. STEPHANOS MAR THEODOSIUS ROAD, KAILASH NAGAR, NEAR INDUSTRIAL ESTATE, BHILAI. C.G. PIN: 490026 Fax : 0788 228 5266, Tel: 0788 228 6662 /63 /64

Criterion 6

QIM 6.5.1 IQAC Initiatives



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ccet@ccetbhilai.ac.in

www.ccetbhilai.ac.in

Ref.No. CCET/2020/ 156

16th October 2020

To,
Dr. (Smt.) Shiena Shekhar
Professor
Department of Mechanical Engineering
Bhilai Institute of Technology, Durg

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Madam,

We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "Application of QFD to Improve the Requirements & Project Management in a Small Scale Industry" scheduled on 7th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

Though, words may not fully express our appreciation of your efforts, this is to acknowledge and place on record, our deep sense of gratitude on behalf of Christian College of Engineering & Technology, Bhilai.

We look forward to a similar cooperation and enthusiastic participation in the future.

Dr. Dipali Soren
Principal
CCET, Bhilai

Dr. P. S. Rao
HOD
Mech. Engg. Dept.

Dr. R. H. Gajghat
Coordinator
FDP-OM

Principal
Christian College
of Engg. & Tech., Bhilai

Dr. STEPHANOS MAR THEODOSIUS ROAD, KAILASH NAGAR, NEAR INDUSTRIAL ESTATE, BHILAI. C.G. PIN: 490026 Fax : 0788 228 5266, Tel: 0788 228 6662 /63 /64



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CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Managed By St. Thomas Mission, Bhilai

Approved by AICTE and Affiliated to CSVTU, Bhilai

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Estd. 1998, Reg. No. M.P.8400/24.10.79

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ccet@ccetbhlai.ac.in

www.ccetbhlai.ac.in

Formerly Known as

MPC CET

Ref.No. CCET/2020/ 154

16th October 2020

To,

Dr. Anil Kumar Birru

Assistant Professor

Department of Mechanical Engineering

National Institute of Technology, Manipur

**Subject: Thanks for holding the sessions in ATAL FDP on Operations Management
Organized by Department of Mechanical Engineering, CCET, Bhilai**

Dear Sir,

We are extremely thankful to you for accepting our invitation as a resource person and holding the sessions on the topic "Total Productive Maintenance" scheduled on 6th October 2020 and "Lean Manufacturing" scheduled on 7th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

Though, words may not fully express our appreciation of your efforts, this is to acknowledge and place on record, our deep sense of gratitude on behalf of Christian College of Engineering & Technology, Bhilai.

We look forward to a similar cooperation and enthusiastic participation in the future.

Dr. Dipali Soren
Principal
CCET, Bhilai

Principal
Christian College
of Engg. & Tech., Bhilai

Dr. P. S. Rao
HOD
Mech. Engg. Dept.

Dr. R. H. Gajghat
Coordinator
FDP-OM

Dr. STEPHANOS MAR THEODOSIUS ROAD, KAILASH NAGAR, NEAR INDUSTRIAL ESTATE, BHILAI. C.G. PIN: 490026 Fax : 0788 228 5266, Tel: 0788 228 6662 /63 /64

Criterion 6

QIM 6.5.1 IQAC Initiatives



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ccet@ccetbhilai.ac.in

Ref. No. CCET/2020/ 153

www.ccetbhilai.ac.in

Formerly Known as

16th October 2020

MPC CET

To,
Prof. Jitesh J. Thakkar
Professor
National Rail and Transportation Institute (NRTI), Vadodara

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Sir,

We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "Lean Six Sigma" scheduled on 5th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

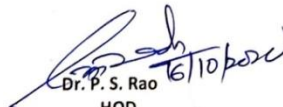
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16/10/2020

Dr. Dipali Soren
Principal
CCET, Bhilai
Principal
Christian College
of Engg. & Tech., Bhilai


16/10/2020

Dr. P. S. Rao
HOD
Mech. Engg. Dept.


16/10/2020

Dr. R. H. Gajghat
Coordinator
FDP-OM



CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

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Formerly Known as

MPC CET

ccet@ccetbhilai.ac.in

Ref. No. CCET/2020/ 152

www.ccetbhilai.ac.in

16th October 2020

To,

Dr. Suraj Kumar Mukti

Assistant Professor

Department of Mechanical Engineering

National Institute of Technology, Raipur

Subject: Thanks for holding the sessions in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Sir,

We are extremely thankful to you for accepting our invitation as a resource person and holding the sessions on the topic "Enterprise Resource Planning: Assurance of Growth of an Organisation" scheduled on 5th October 2020 and "Inventory Management" scheduled on 6th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

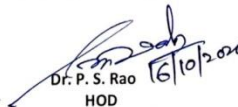
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www.ccetbhilai.ac.in

Ref.No. CCET/2020/ 151

16th October 2020

To,

Dr. Rakesh L. Himte
Professor
Dean, Student Affairs & HOD
Department of Mechanical Engineering
Priyadarshini Institute of Engineering & Technology, Nagpur

**Subject: Thanks for holding the sessions in ATAL FDP on Operations Management
Organized by Department of Mechanical Engineering, CCET, Bhilai**

Dear Sir,

We are extremely thankful to you for accepting our invitation as a resource person and holding the sessions on the topic "Operations Management: An Overview" scheduled on 5th October 2020 and "Total Quality Management" scheduled on 6th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

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16/10/2020

Dr. Dipali Sorek
Principal
CCET, Bhilai

Principal
Christian College
of Engg. & Tech., Bhilai


16/10/2020

Dr. P. S. Rao
HOD
Mech. Engg. Dept.


16/10/2020

Dr. R. H. Gajghat
Coordinator
FDP-OM

Dr. STEPHANOS MAR THEODOSIUS ROAD, KAILASH NAGAR, NEAR INDUSTRIAL ESTATE, BHILAI. C.G. PIN: 490026 Fax : 0788 228 5266, Tel: 0788 228 6662 /63 /

Criterion 6

QIM 6.5.1 IQAC Initiatives



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Formerly Known as

MPC CET

ccet@ccetbhilai.ac.in

Ref No. CCET/2020/150

www.ccetbhilai.ac.in

16th October 2020

To,
Prof. Dinesh Kumar
Professor
Mechanical and Industrial Engineering Department
Indian Institute of Technology, Roorkee

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai

Dear Sir,

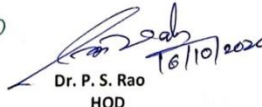
We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "Role of Supply Chain Management in Enhancing Company Performance" scheduled on 8th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

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www.ccetbhilai.ac.in

Ref.No. CCET/2020/149

16th October 2020

To,
Dr. N.V. Swamy Naidu
Associate Professor
Department of Mechanical Engineering
National Institute of Technology, Raipur

Subject: Thanks for holding a session in ATAL FDP on Operations Management Organized by Department of Mechanical Engineering, CCET, Bhilai


Dear Sir,

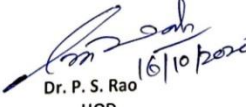
We are extremely thankful to you for accepting our invitation as a resource person and holding a session on the topic "JIT & Kanban System" scheduled on 9th October 2020 in the Faculty Development Program on "Operations Management" sponsored by AICTE under ATAL scheme and organized by Department of Mechanical Engineering, Christian College of Engineering & Technology, Bhilai during 5-9 October 2020.

We are grateful to you for sparing your valuable time and enlightening us with your very interesting and informative lectures. We are sure that the participants have been hugely benefited by it.

Though, words may not fully express our appreciation of your efforts, this is to acknowledge and place on record, our deep sense of gratitude on behalf of Christian College of Engineering & Technology, Bhilai.

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**Principal
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Mech. Engg. Dept.


Dr. R. H. Gajghat
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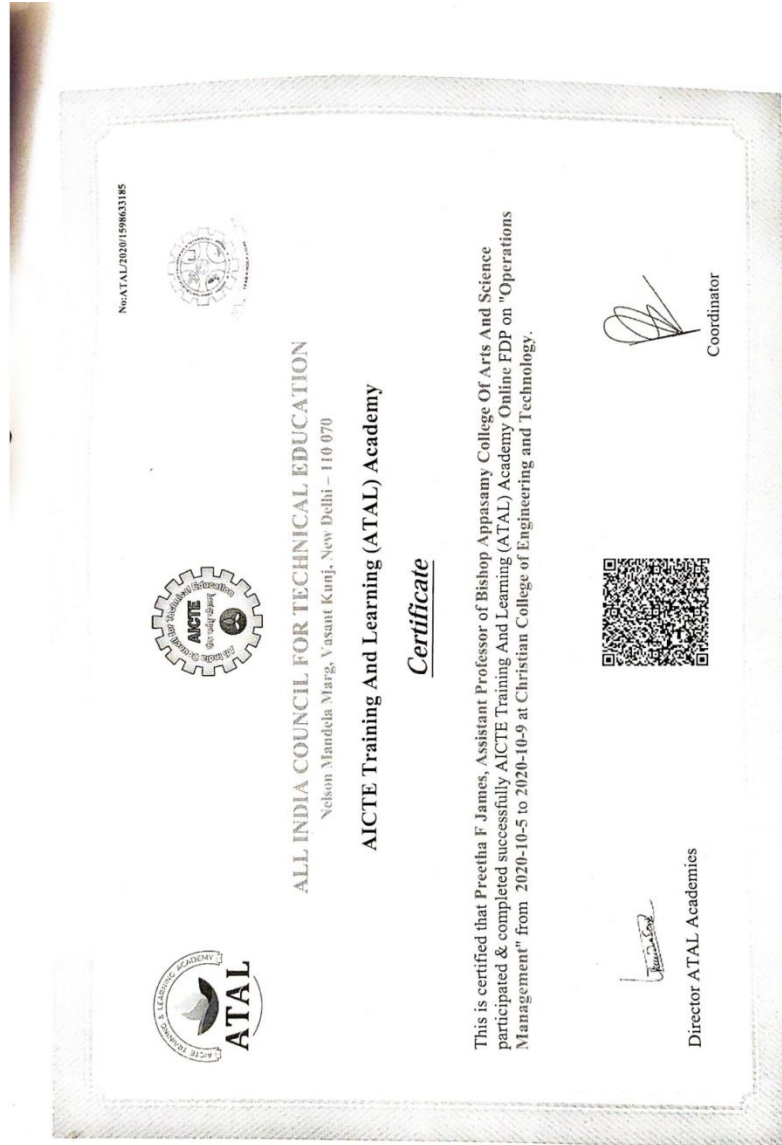
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If You Aim High, We Provide The Means

ABOUT THE INSTITUTE

Christian College of Engineering and Technology (CCET) was established by Late Lamented **Bishop H.G. Dr. Stephanos Mar Theodosius in 1998**. It has a world-class campus with lush green and well-manicured lawns spread all around and peaceful atmosphere which provides an ideal setting for an intensive learning experience. It is approved by All India Council for Technical Education and affiliated to Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.). **It offers four years UG courses in Mechanical Engineering (Accredited by NBA), Computer Science, Electronics & Telecommunication Engineering, Electrical Engineering; and two years PG courses in CAD/CAM & Robotics in Mechanical Engineering, Nanotechnology in Electronics & Telecommunication Engineering and High Voltage in Electrical Engineering.** The institute always endeavors to be in research, training, collaborations & projects and for opening more avenues for training and employments of its students.

ABOUT THE DEPARTMENT

The Mechanical Engineering Department (**Accredited by NBA**) came into existence in the year 1998. **The department offers B. Tech and M. Tech courses in CAD/CAM & Robotics.** The department is rich in its faculty as well as infrastructure. It has laboratory and workshop facilities with modern sophisticated equipment to carry out the practical and research work. The faculties are actively involved in various prestigious sponsored/consultancy project works from CGCOST, CSVTU under TEQUIP and other reputed government organizations. **The department has been accredited second time for a period of 2018-19 to 2020-21.**

CHIEF PATRON

Dr. Joseph Mar Dionysius

Chairman, CCET

PATRONS

Fr. George C. Varughese

Executive Vice Chairman, CCET

Dr. (Mrs.) Dipali Soren

Principal, CCET

CO-ORDINATOR



Dr. P. Srinivasa Rao

HOD, Dept. of Mech. Engg., CCET

Email: srinivas.indore@gmail.com

Contact no: 8259916171

REGISTRATION: FREE

EXPECTED PARTICIPANTS

Faculty/Research Scholars/Industrials.

ORGANIZED BY

**Mechanical Engineering Department
CCET, Bhilai, CG-490026, India.**



CCET

3rd OLDEST PRIVATE COLLEGE IN CHHATTISGARH

**AICTE TRAINING AND LEARNING
(ATAL) SPONSORED
FACULTY DEVELOPMENT
PROGRAM ON
ALTERNATE FUELS**

FDP DATES

SEPTEMBER, 7 - 11, 2020

ONLINE PLATFORM



REGISTRATION LINK

[https://atalacademy.aicte-india.org/
signup](https://atalacademy.aicte-india.org/signup)

Criterion 6

QIM 6.5.1 IQAC Initiatives



OBJECTIVES OF THE FDP

- To apply principles of thermodynamics to the engine cycle analysis and combustion phenomenon of SI and CI engines
- To develop experimental skills in testing i) engine performance (ii) emission parameters (iii) bio-fuel properties and (iv) performance characteristics of fuel cells in order to integrate them in their teaching
- To teach the concepts of (i) engine emission control techniques and (ii) viable alternate fuel technologies in automobiles
- To learn advances in fuel cells and their application as alternate power source for automobiles.
- To use CONVERGE/STAR-CD software packages for simulation of engine flow processes and apply them in their research pursuits
- To teach effectively courses on (i) Combustion (ii) Alternate fuels for IC engines and (iii) Alternate power sources for automobiles

CONTENTS TO BE COVERED

- Overview of I.C. Engines and the Combustion Phenomenon
- Understanding thermo chemistry and fluid mechanics of IC Engines
- Determination of Performance Characteristics of I.C. Engines and solving the related problems
- Analyzing engine emissions and applying suitable emission control techniques
- Applying emission norms and judging appropriate diesel Particulate Filters
- Modeling of Diesel Engine Combustion
- Using Diesel Engine Modeling Software: STAR- CD/ CONVERGE
- Alternate fuels for IC Engines
- Understanding the new combustion concept: Homogeneous Charge Compression Ignition (HCCI)
- Biodiesel production process and strategies to use Biodiesel in CI engines
- Proton Exchange Membrane Fuel Cell and Direct Methanol Fuel Cell: Fundamentals and applications

RESOURCE PERSONS

Experts are invited from IIT'S/ NIT'S/ Industries and other reputed Organizations.

SCHEDULE

Date/Time	10:00 AM -11:30 AM	12 NOON- 1:30 PM	3:00 PM- 4:30 PM
7/9/2020	SESSION-I	SESSION-II	SESSION-III
8/9/2020	SESSION-I	SESSION-II	SESSION-III
9/9/2020	SESSION-I	SESSION-II	SESSION-III
10/9/2020	SESSION-I	SESSION-II	SESSION-III
11/9/2020	SESSION-I	SESSION-II	SESSION-III



Criterion 6

QIM 6.5.1 IQAC Initiatives



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REPORT

ALTERNATE FUELS

Date: 7th to 11th September, 2020

CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

AICTE TRAINING AND LEARNING ACADEMY, BHOPAL

Criterion 6

QIM 6.5.1 IQAC Initiatives



ATAL workshop on Alternate Fuels

ALTERNATE FUELS WORKSHOP

Alternate Fuels 5-Days AICTE sponsored workshop was conducted from 7th to 11th September 2020 in which around 125 participants from different parts of the country participated.

The speakers for the 5-day workshop on “ALTERNATE FUELS” were:

Dr. Venkat Chintala, Founding Associate Professor, National Rail & Transportation Institute (NRTI), Vadodara, Gujarat.

**Education:**

PhD: IIT, Delhi
M. E/M. Tech: RGPV, Bhopal
B.E/ B. Tech: JNTU, Hyderabad

Experience:

Teaching: 12 years
Award: “Smt. Vijay Sodha” award for his best research work at IIT Delhi in the year 2015
Research: 54 research papers in reputed National International Journals
Consultancy Projects: DLR Germany, DST New Delhi, and DIBER Haldwani worth more than 3 crores.

Dr. R. Balasubramanian, Assistant Professor, A D Patel Institute of Technology, Vidyanagar

**Education:**

PhD: IIT, Delhi
M. E/M. Tech: IIT Roorkee
B.E/ B. Tech: IIT Roorkee

Experience:

Academic: 16 years
His area of research includes internal combustion engines, alternate fuels for compression ignition engines and renewable energy.



ATAL workshop on Alternate Fuels

Dr. S L Sinha, Professor, NIT, Raipur, Chhattisgarh



Education:

PhD: IIT Kharagpur.
M. E/M. Tech: GGU Central University, Bilaspur.
B.E/ B. Tech: NIT, Raipur

Experience:

She has published 60 papers in reputed international journals and authored 4 books. Dr. Sinha received various awards such as Young Scientist Award, Rula Award etc. She is an editorial board member of HBRP publication from May 29, 2018.

Dr Vivek M Nanoti, Principal of PIET, Nagpur.



Education:

He has completed his PhD in Physics in 1996 under sponsorship of Dept of Atomic Energy Commission (DAE) at BARC Mumbai from Nagpur University.

Experience:

Academic: 29years

He has published / presented around 140 research papers and guided 12 students for their doctoral research. He received the 'Most Promising Engineering College Teacher Award' in 2005, 'Bharat Jyoti Award' in 2012 for excellence in Education and Research and National award - Outstanding Academic Leader of 2019.



ATAL workshop on Alternate Fuels

Dr. Tikendra Nath Verma, Assistant Professor, MANIT, Bhopal.

**Education:**

PhD: NIT, Raipur
M. E/M. Tech: MANIT, Bhopal.
B.E/ B. Tech: Pt. R. S. U, Raipur

Experience:

Academic: 07 years
Papers published: International Journals: 58
National Journal: 00
National Conference: 08
International Conference: 20
Total Published Paper 86

Dr. SANTHI RAJU PILLI, Assistant Professor, Department of Chemical Engineering Technology, College of Applied Industrial Technology, Jazan University, Jazan, Kingdom of Saudi Arabia.

**Education:**

PhD: IIT Guwahati
M. E/M. Tech: IIT Guwahati
B.E/ B. Tech: JNTU, Hyderabad.

Experience:

Assistant Professor, Dept. of Chem. Engg. Jazan University, Saudi Arabia (Since April 2018).
Post-doctoral Fellow, Dept. of Chemical Engineering, IIT Delhi (Aug. 2016-April 2018).
Adhoc Faculty, Dept. of Chemical Engineering, NIT Warangal, India, (July 2015 to May 2016).
Temporary Faculty, Dept. of Chem. Engg., NIT Trichy, India, (April 2014 to June 2015).
Production Engineer (June 2006 to July 2008) at Sree Rayalaseema Alkalies and Allied Chemical Ltd., Gondiparla, Kurnool, A.P., India.



ATAL workshop on Alternate Fuels

Prof. Ravi Kumar Puli, Member Secretary, Telangana State Council of Science & Technology (TSCOST)
Dept. of EFS&T, Govt. of Telangana & Professor (HAG), National Institute of Technology (NIT), Warangal, Member, Board of Governors, NIT, Warangal

**Education:**

PhD: NIT, Warangal.

M. E/M. Tech: NIT, Warangal.

B.E/ B. Tech: Osmania University, Hyderabad

Experience:

Academic: 26 years

Prof. Ravi Kumar Puli Published Research Papers in Renowned National and International Journals, Executed Research Projects both in Sponsored/ Consultancy category, Guided so far 80 M.Tech dissertation works and 10 Ph.D Research Scholars. He also functioned as Confidential Team Member for EAMCET 1997, Member in Admissions Committee of AIEEE 2007 to 2010, Ph.D Examiner and Board of Studies Member for various State and Central Universities and Institutes.

Dr. Venu Babu Borugadda, MITACS Industrial Post-Doctoral Fellow, Institute: University of Saskatchewan, Saskatoon, Canada

**Education:**

PhD: IIT Guwahati

M. E/M. Tech: IIT Guwahati

B.E/ B. Tech: AU, Vizag.

Experience:

Academic: 05 years

Papers published: International Journals: 25



ATAL workshop on Alternate Fuels

Dr. P John Paul, Principal, MREC, Hyderabad



Education:

PhD: Central University, Hyderabad
M. E/M. Tech: Osmania University, Hyderabad
B.E/ B. Tech: Nagarjuna University, Guntur, AP.

Experience:

Academic: 32 years of teaching
He authored twelve text books, His book “Electronic Devices and Circuits” published by New Age International Publications is a Reference book in several institutes such as NIT Himachal Pradesh.
He has a credit of designing syllabus for various colleges and universities. As a part of his academics and research he visited countries like U.S.A, Singapore and several other to present his research papers. His video lectures on career guidance, personality development, electronics, etc. are widely acclaimed and available on electronic media.

Dr. P Srinivasa Rao, HOD Mechanical, CCET, Bhilai.



Education:

PhD: NIT, Manipur
M. E/M. Tech: RGPV, BHOPAL
B.E/ B. Tech: Nagarjuna University, Guntur, AP.

Experience:

Academic: 12 years of teaching
Papers Published: 20



ATAL workshop on Alternate Fuels

Day	Date	Time slot			
Day 1	7/9/2020	11AM -12:00 NOON	12:15-1:30PM	2 PM -3:30 PM	4 PM-5:30 PM
Topic		Inagural Session	Alternate fuels for IC Engines	Utilization of Hydrogen in a Diesel Engine Under Dual Fuel Mode	Biofuels for IC Engine
Day 2	8/9/2020	10 AM -11:30AM	12 NOON-1:30PM	3 PM-4:30 PM	
Topic		Biodiesel production process and strategies to use Biodiesel in CI engines	Proton Exchange Membrane Fuel Cell and Direct Methanol Fuel Cell: Fundamentals and applications	Performance, Emission, Combustion Analysis of Pyro-Oil Fueled CI Engine	
Day 3	9/9/2020	10 AM -11:30AM	12 NOON-1:30PM	3 PM-4:30 PM	
Topic		Stress Management	Role of Green Solvents in Biodiesel production, Chemical Composition, Properties and Effect on Engine Performance: A review	Diesel Engine Charecteristics Using Diesel Engine RK	
Day 4	10/9/2020	10 AM -11:30AM	12 NOON-1:30PM	3 PM-4:30 PM	
Topic		Solar-Thermo Chemical Conversion of Plastic Waste into fuels for Transportation Sector	Applying emission norms and Judging appropriate diesel Particulate Filters	Recent Trends and Inovations in engineering Different alternate fuels and emissions and their norms	
Day 5	11/9/2020	10 AM -11:30AM	12 NOON-1:30PM	3 PM-4:30 PM	
Topic		Techno-Economic and Life Cycle Assessment of Green Diesel and Gasoline Production from Fischer-Tropsch Process	Renewable energy sources	Test & Valedictory Function	

Criterion 6

QIM 6.5.1 IQAC Initiatives



ATAL workshop on Alternate Fuels

List of Participants (Approved: 213; Attended in full: 125 Approx.)

S.No	Name	Email	Phone	Institute Name
1	Dr. Sambhaji Santosh Patil	sspatil.snk@gmail.com	8149996 368	SSVPS Arts & Commerce College Dhule
2	Mr. PRASHANT KUMAR SINGH	prince04ru@gmail.com	9411091 044	Indian Institute of Technology Roorkee
3	Mr. UPANYAS KUSHWAHA	upanyaskushwaha.ind@gmail.com	7004629 381	CENTRAL UNIVERSITY OF JHARKHAND
4	Mr. AJAY KUMAR	ajaykumarjsr2015@gmail.com	6206762 846	BIT SINDRI
5	Mr. DAISON STALLON S	daison.electronics@gmail.com	9489745 477	NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY
6	Mr. Ashutosh Raina	ashutosh.ash@mietjammu.in	9697124 005	Model Institute of Engineering and Technology
7	Mr. Shivanand H Bhagavati	Shivanand.bhagavati87@gmail.com	9986643 369	KLS VPP Belagavi
8	Mr. Robinson Timung	robtimung@gmail.com	7002429 256	Government polytechnic Daman
9	Mr. YOGESH B KUMBHAR	kumbhar.yb@sginstitute.in	7719816 555	SANJAY GHODAWAT UNIVERSITY KOLHAPUR
10	Mr. HARUN RASHID SIDDIQUI	harunsiddiqui.88@gmail.com	7648874 588	PONDICHERRY UNIVERSITY
11	Mr. STEPHEN LIVINGSTON T	gplaystev@gmail.com	9486133 875	RATHINAM TECHNICAL CAMPUS COIMBATORE
12	Mr. NAVEENKUMAR R	naveentamil256@gmail.com	9790589 677	Rathinam Technical campus
13	Mr. BHUVNESH	er.bhuvneshdave@gmail.com	8769615	Mahaveer Institute of Technology and

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	DAVE	ail.com	166	Science
14	Mr. SHARANA KUMARA K	sharana407@gmail.com	9845411114	GOVERNMENT POLYTECHNIC KAMPLI KARNATAKA
15	Mr. Vipen Chander	vipen.ash@mietjammu.in	7889789569	MIET
16	Mrs. Shefina Ashraf	shefinaashraf@gmail.com	9995784542	Royal college of engineering and technology
17	Dr. Ashok G. Matani	dragmatani@gmail.com	9890798181	Government College of Engineering Amravati
18	Dr. S PADMAJA	padmaja@kmit.in	9848312890	keshav memorial institute of technology
19	Mr. Yogesh Laxmanrao Maske	ylmaske@mitaoe.ac.in	8087193328	MIT Academy of Engineering Alandi
20	Mr. P RAMESH	ramesh.p@bvrit.ac.in	9440353867	BVRIT
21	Dr. Rohit Lade	rohit.lade8921@paruluniversity.ac.in	9637466457	Parul University, Vadodara
22	Mrs. Rompicherla Srividya	srividya.r@bvrit.ac.in	9908608646	BVRIT Narsapur
23	Mr. R. ARUL MURUGAN	arulmuruganraju@gmail.com	7667542070	Karpagam College of Engineering
24	Dr. ASHISH BHARGAVA	drashishbhargava123@gmail.com	9414593472	GOVERNMENT ENGINEERING COLLEGE BHARATPUR RAJASTHAN
25	Mrs. Anila Pulikam	anilapulikam@rguktrk v.ac.in	9494039729	RGUKT RIVALLEY
26	Mr. Mohsin Hasan	18etpm07@uohyd.ac.in	8977608713	University of Hyderabad
27	Dr. Sasanka Choudhury	sasankachoudhury@soa.ac.in	9040003290	Siksha O Anusandhan (Deemed to be University)
28	Mr. VISHNU YADAV	vyadav27@gmail.com	9424125825	Guru Ghasidas Vishwavidyalaya



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29	Mr. KONDA HARI KRISHNA	hari.cse@srivasavieng g.ac.in	7780748 899	SRI VASAVI ENGINEERING COLLEGE
30	Mr. Anish R	anishsbce@gmail.com	9495545 996	National Institute of Technology, Tiruchirappalli
31	Mr. RAAHUL KRISHNA	raahul.krishna@vcet.e du.in	7350734 092	Vidyavardhini's College of Engineering and Technology
32	Mr. Amit Sarda	amitsarda3@gmail.co m	9827926 129	CCET, Bhilai
33	Dr. Ajay Tripathi	trip2ajay@gmail.com	8319022 268	Government Engineering College Raipur
34	Mr. Subhash Yougiraj Nagwase	subhashyn@gmail.co m	8788390 696	Bharati Vidyapeeth's College of Engineering, Lavale, Pune
35	Mr. Avinash Datarkar	avinash.datarkar@bhar atavidyapeeth.edu	9960612 092	bharati vidyapeeth college of engineering, Lavale, pune
36	Dr. Harsha Devnani	harsha.devnani@gmail .com	9760603 204	Manav Rachna University
37	Mr. Nilesh Narendra Raut	nilesh.raut@bharativid yapeeth.edu	8766947 955	BVCOE Lavale
38	Dr. LEELA KAUR	leela.kaur@gmail.com	9799127 166	Maharaja Ganga Singh University, Bikaner
39	Dr. Roshita David	roshitadavid@gmail.co m	7987803 617	CCET, Bhilai
40	Mr. K GOVINDARAJ	govindmech.k@gmail. com	9788442 398	PSG POLYTECHNIC COLLEGE
41	Dr. Rishi Pareek	rishi.pareek@outlook.c om	7340340 111	JECRC jaipur Engineers College and Rese
42	Mr. ABHAY RAJAN	abhayrajan24@gmail.c om	9400641 734	N S S COLLEGE OF ENGINEERING PALAKKAD
43	Mr. Kuldeep Singh	kuldeep.tech@mietjam mu.in	7298157 362	MODEL INSTITUTE OF ENGINEERING AND TECHNOLOGY
44	Mr. Neerad Mohan	neeradmohan@gmail.c	9846524	Thejus Engineering College

**ATAL workshop on Alternate Fuels**

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45	Mr. Krishna Prasad S	kprao@nitte.edu.in	9902961593	NMAM INSTITUTE OF TECHNOLOGY Nitte, Karkala.
46	Dr. KAVADIKI VEERABHADRA PPA	kavadiki.mech@bmsce.ac.in	9916644535	B.M.S. College of Engineering, Bengaluru-560 019
47	Mr. SUMIT AGRAWAL	sumit_agrawal47@rediffmail.com	9755634527	CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY- BHILAI
48	Mr. Chandra Shekhar Singh	rchandrashekhar85@gmail.com	9540298961	JIMS Engineering Management Technical Campus, Greater Noida
49	Mr. MILAN MOTTA	milankumarm@sreenidhi.edu.in	9893292979	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY
50	Mr. Bishan Dass	bishan.tech@mietjammu.in	7780984191	MODEL INSTITUTE OF ENGINEERING AND TECHNOLOGY
51	Mr. Rajkamal	raj.tech@mietjammu.in	6005627806	MODEL INSTITUTE OF ENGINEERING AND TECHNOLOGY
52	Mr. KAMALDEEP KALITA	kamaldeepkalita4@gmail.com	9678771938	ASSAM DON BOSCO UNIVERSITY
53	Mr. Mohammed Ansar Ahemad	ansarahemad786@gmail.com	9853763784	Gandhi Institute For Education and Technology Bhubaneswar
54	Mr. Mohammed Mansoor Hasan	mdmansoorhasan@gmail.com	6301033173	NSAK College of Engineering and Technology
55	Dr. Dr. Saurav Ranjan Das	sauravranjan.das@bcrec.ac.in	9434353309	Dr. B.C.Roy Engineering College
56	Mr. SUMIT SURESH MALUSARE	sumitsmalusare@gmail.com	9403098168	FINOLEX ACADEMY OF MANAGEMENT & TECHNOLOGY
57	Dr. Nidhi Jain	nidhijain1704@gmail.com	8888846602	Bharati Vidyapeeth's College of Engineering Lavale,Pune
58	Dr. Bheru Lal Salvi	salvibl@gmail.com	9413020441	College of Technology and Engineering, MPUAT, Udaipur
59	Dr. Kurapati Rajagopal	krajagopal_biotech@cbt.ac.in	9963902775	Chaitanya Bharathi Institute of Technology
60	Mr. SATHYA PRAKASH M	sathyaprakash2021@gmail.com	9543928272	Prathyusha Engineering College
61	Mr. RASHID KAREEM	rashidkareem342@gmail.com	7012663588	School of Engineering Cusat
62	Dr. Hitesh Pawar	hiteshudct@gmail.com	9730155369	ICT Mumbai
63	Dr. Naseeb khan	dmnaseebkhan84@gmail.com	8897242707	Shadan College of Engineering and Technology

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64	Mr. Dharam Pal	dparora1972@gmail.com	9311884314	Govt. Polytechnic Education Society, Manesar
65	Mr. SWAGATA SHANNIGRAHI	swagatashannigrahi@gmail.com	9474144272	MCKV INSTITUTE OF ENGINEERING
66	Mr. Abhishek Pandey	abhishek.pandey@abes.ac.in	9999742946	ABES Engineering College, Ghaziabad, India
67	Mr. Shashikant Auti	shashikant.auti@gmail.com	9922428433	Dwarkadas J. Sanghvi College of Engineering
68	Mr. Grahvardhan Gautam	gvpanel@yahoo.com	9808318516	ACE College of Engineering and Management Agra
69	Mr. Balaji M	prof.mbalaji@gmail.com	8977416189	Annamacharya Institute of Technology
70	Mr. Jagadeesh A	jsamech28@gmail.com	9902847774	Hirasugar Institute of Technology
71	Mr. Vishwas Palve	vishwas.palve@vcet.edu.in	9870300102	Vidyavardhini's college of Engineering and Technology
72	Mr. KAILASAM JAGADISH	mrcpexamination2004@gmail.com	8639713458	Maharajah's College of Pharmacy
73	Mr. T.M.Mohamed Usman	mdus@live.in	9442455951	PET Engineering college, Vallioor
74	Mr. S.Venkata Ramana	svramana044@gmail.com	9014136012	Tadipatri Engineering College
75	Dr. Nidhish Mathew Nidhiry	nidhishnidhiry@gmail.com	9447227844	St:joseph's College of Engineering & Technology
76	Mr. SK.KHADHAR BASHA	khadharbasha001@gmail.com	9866043229	Rise krishnasai polytechnic College
77	Mr. Jasti Venkata ramesh babu	jvrb2010@gmail.com	9985543059	RISE Krishna Sai Polytechnic
78	Mr. SUDHANSU SEKHAR MISHRA	sudhansumishra_fme@gcekr.ac.in	9438533060	GOVERNMENT COLLEGE OF ENGINEERING, KEONJHAR
79	Dr. V.Gopinath	vgopinathme@gmail.com	9790092837	Kongunadu College of Engineering and Technology
80	Dr. SAYEEDA SULTANA	chemistryhod@spiher.ac.in	9884945444	St.Peters institute of higher education and research
81	Mr. VINOD RAJ H G	hgvinodraj@gmail.com	9844426742	K.V.T. Polytechnic College
82	Mr. DIPAK SUBHASH VIRKAR	deepak.virkar@seti.edu.in	9146325279	SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA
83	Mr. Sagar Khurd	snkhurd@cod.sveri.ac.in	9552020783	SVERT'S college of engineering Pandharpur
84	Dr. R. VIGNESWARAN	rvn.vignesh@gmail.com	9629402990	Sri Sai Ram Institute of Technology
85	Mr. RAVI G	gravi@svce.ac.in	9962706036	Sri Venkateswara College of Engineering
86	Dr. Basavaraj	shrigiri2007@gmail.com	9741483	Faculty of Engineering and Technology

**ATAL workshop on Alternate Fuels**

	Shrigiri	m	339	(CO-ED)
87	Mr. Tanaji Balawant Shinde	shinde.tb@sginstitute.in	9975334761	Sanjay Ghodawat University Kolhapur
88	Miss Vidyarani Ashok Jagadale	vajagdale@cod.sveri.ac.in	9665483685	SVERI'S college of Engineering Polytechnic Pandharpur
89	Dr. V Karthickeyan	karthickeyanv@skcet.ac.in	9952709197	Sri Krishna College of Engineering and Technology
90	Dr. N. Sampathkumar	drnsampathkumar@gmail.com	8675551500	SSM Institute of Engineering and Technology
91	Mr. E.SIVAPRAKASH	sivaprakashethiraj@gmail.com	9488292742	Kongunadu College of Engineering and Technology
92	Dr. Hemant Parmar	hemantparmar@uecu.ac.in	9425988231	Ujjain Engineering College, Ujjain
93	Dr. Surekha Narayanrao Deshmukh	surekhadeshmukh@jnc.ac.in	9545565812	Jawaharlal Nehru Engineering College, Aurangabad
94	Dr. Laxmikant Dnyaneshwar Chavan	ldchavan@jnec.ac.in	9970048899	Jawaharlal Nehru Engineering College, Aurangabad
95	Mr. DHANU KRISHNAN M.P.	dhanukrishnan007@gmail.com	9841633123	NARAYANAGURU COLLEGE OF ENGINEERING
96	Mr. KUMARASUBRAMANIAN R	rkscad@gmail.com	9994264821	Sathyabama institute of science and technology
97	Mr. P.NAVEENKUMAR	naveenkumar.rp@hit.edu.in	9894525550	HINDUSTHAN INSTITUTE OF TECHNOLOGY
98	Mr. GANESHKUMAR KV	ganeshkumar.kv@hit.edu.in	9659423354	HINDUSTHAN INSTITUTE OF TECHNOLOGY
99	Mr. SHANKAR KANNAN P	sankar7862@gmail.com	9566416800	SSM INSTITUTE OF ENGINEERING
100	Mr. DIXON JIM JOSEPH J	dixon@hit.edu.in	9444166269	Hindusthan Institute of Technology

The screenshots of the participants taken on the closing are:-



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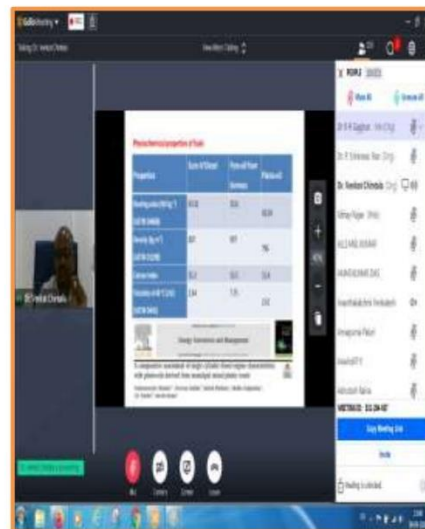
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ATAL workshop on Alternate Fuels



Criterion 6

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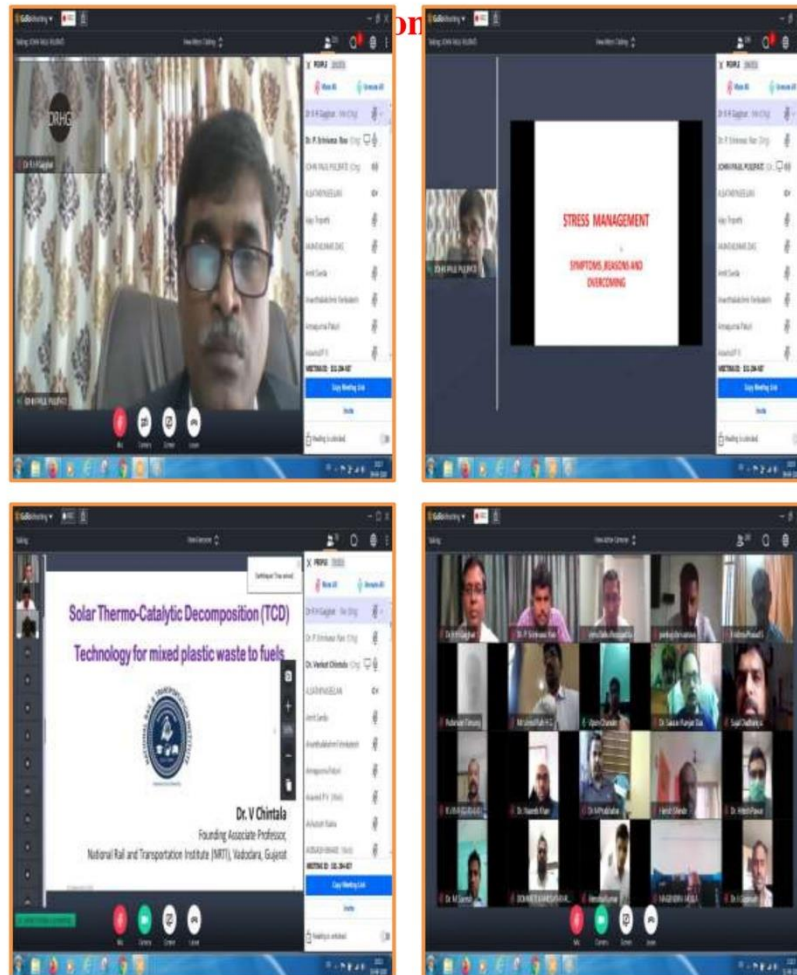
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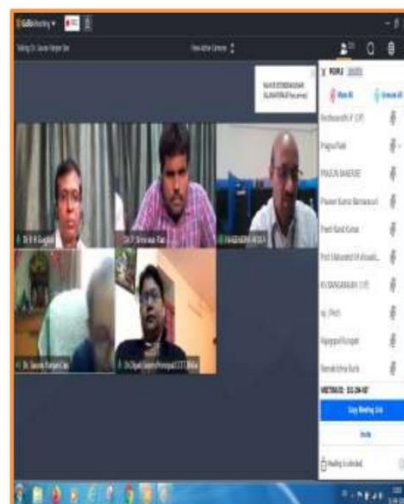
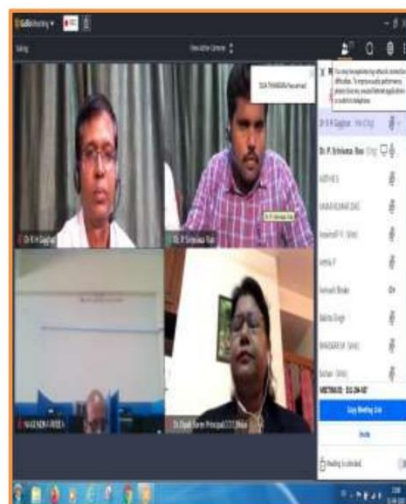
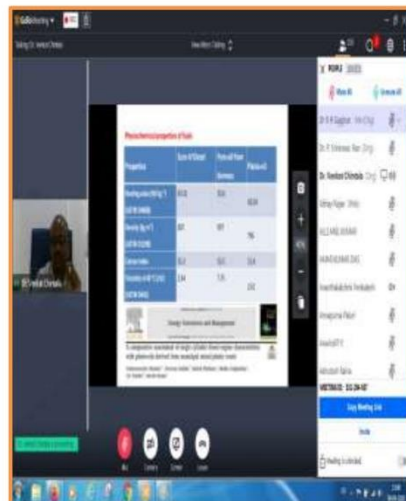
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ATAL workshop on Alternate Fuels

It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost. I got huge response for registration as well as lots of compliment of arranging the online workshop, content and hands on.

Dr. P Srinivasa Rao
ATAL FDP Alternate Fuels
CCET, BHILAI, CG-490026.

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INDUCTION PROGRAM

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Department of Basic Sciences and Humanities

**2022-23 BATCH
ORIENTATION PROGRAM
FOR FIRST YEAR ENGINEERING STUDENTS.**

C

Student Orientation Programme



Department of Basic Sciences and Humanities

Report :

Bhilai: 18th October.

Christian College of Engineering and Technology (CCET), Bhilai welcomes the 25th Batch of Engineering Graduates to the College Campus on 18th October. This Orientation program was conducted with an objective to introduce newly admitted students to the campus and help them to get familiarize with the new environment. It also aims to the newly admitted students to create awareness about engineering education and their chosen fields.

Program started with lighting of traditional lamp followed by the welcome speech by College Principal Dr.Mrs.Dipali Soren. She motivated students by highlighting the unique features of CCET. She also highlighted the facilities, different student friendly programs. Campus selection and placement is another attractive points to every students, at CCET, there is a Training and Placement cell, which was organized a campus placement on 14th of October.

College Executive vice Chairman Rev.Fr.Dr.P.S.Varghese, in his presidential address reminded the students that "Pain is not pain when we have a purpose in our life." Further he motivated the students with rhe following words: "Every students must work hard to fulfill their dreams. One has to follow their dream to be a successful person who would be able to contribute back to the society with thier capabilities."

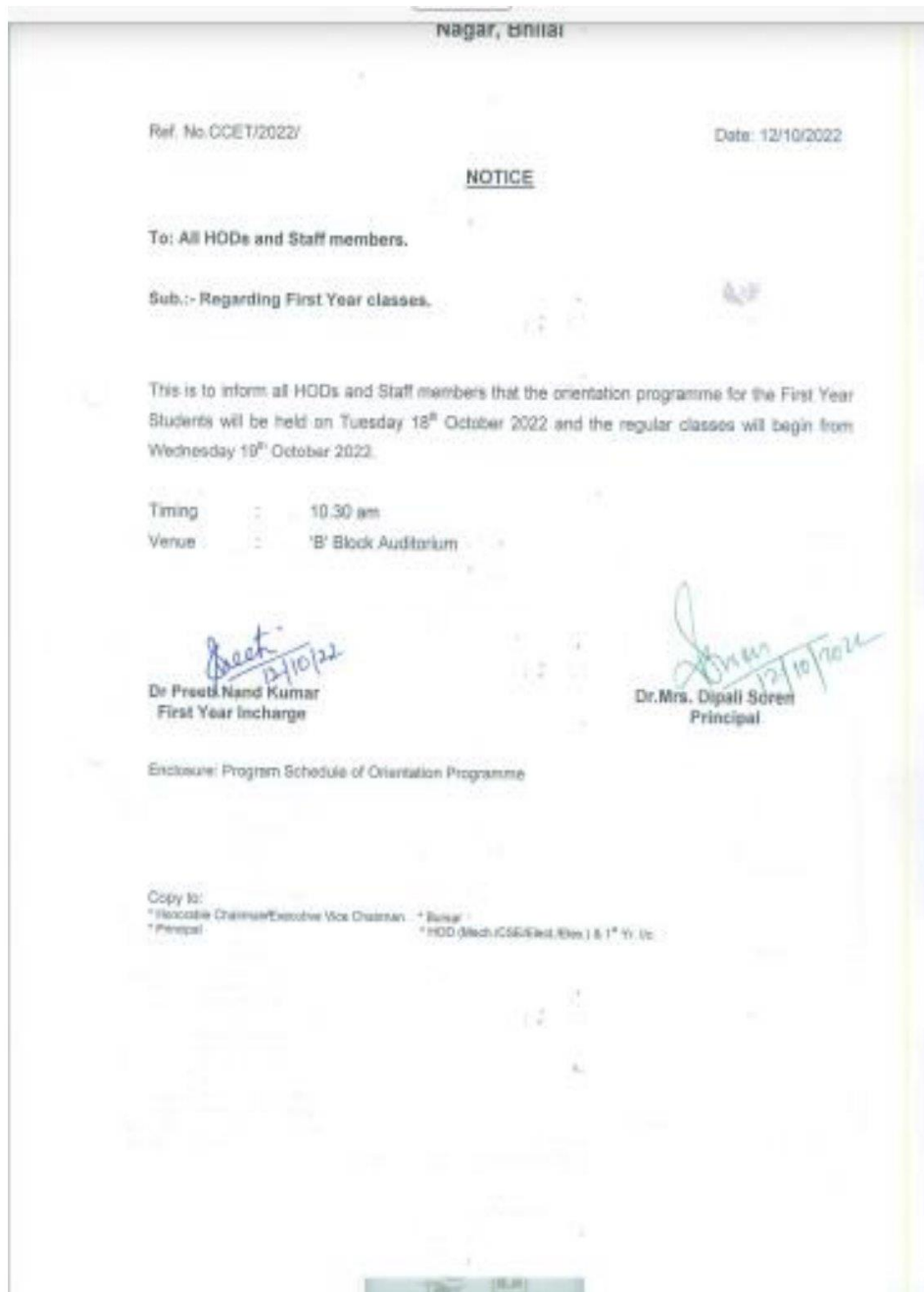
All the departmental HOD's gave the outlook and briefed the related fields of their branches. First Year In charge Dr.Preeti Nand Kumar welcomed the students, gave an overview of whole college, its history and briefs of 1st year course curriculum and subject details. Students visited the entire college,its laboratories, library and workshop. Regular classes will start from 19th October, however admission will continue till 25th of October.


Dr Preeti Nand Kumar
First Year Incharge

CCET,Bhilai



Department of Basic Sciences and Humanities





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Department of Basic Sciences and Humanities

PROGRAMME SCHEDULE	
Orientation Program for Fresher's 2022-23	
VENUE – B BLOCK AUDITORIUM	18 th October 2022
10:00 am – 10:30am	Registration
10:30 am	Welcome
10:40 am	Lighting of the Lamp
10:45 am	Welcome Speech by Dr. Dipali Soren, Principal CCET
11:00 am	Blessings by Rev. Fr. Dr. P.S. Varghese Executive Vice Chairman, CCET
11:05 am	Address by Dr. Archana Chowdhary Vice Principal & HOD CSE
11:10 am	Address by Dr. P.S.Rao, HOD Mech
11:15 am	Address by Prashant Bawaney, HOD Electrical
11:20 am	Address by Dr. Preeti Nand Kumar, 1st Year Incharge
11:25 am	Address by Dr. Sudha Singh, Librarian (For Library and Women Grievance)
11:30 am	National Anthem
12:00 noon	Assemble in the Class Room B-114

Beet
12/10/22



Student Orientation Programme



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Department of Basic Sciences and Humanities

2021-22

BATCH ORIENTATION PROGRAM

FOR FIRST YEAR ENGINEERING STUDENTS.

C

Student Orientation Programme



Department of Basic Sciences and Humanities

Report :

Bhilai:Wednesday 01/12/21.

Christian College of Engineering and Technology (CCET), Bhilai welcomes the new Batch of Engineering Graduates to the College Campus on 01/12/21.

Orientation Program started with lighting of traditional lamp followed by the welcome speech by College Principal Dr. Mrs.Dipali Soren. College She welcomed the newly admitted students

Executive Vice Chairman Rev.Fr. Kurian John addressed the Students. In his presidential address he reminded the students that "Every students must work hard to fulfill their dreams. They should follow the dream to be a successful person." All the departmental HOD's gave the outlook and briefed the related fields of their branches. First Year In charge Dr.Sandhya Pillai welcomed the students, gave an overview of whole college, its history and briefs of 1st year course curriculum and subject details. Students visited the entire college, and laboratory, library and workshop. Regular classes started from 2nd Dec 2021



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Department of Basic Sciences and Humanities

Programme Schedule

Orientation Program for Fresher's 2021-22

10:00 am - 10:30 am	Registration
10:30 am	Welcome
10:40 am	Lighting of the Lamp
10:45 am	Introductory Speech by Dr. Dipali Soren, Principal CCET
11:00 am	Blessings
11:05 am	Address by Rev. Fr. Kurian Jato, DVC, CCET
11:10 am	Address by HOD CSE
11:15 am	Address by HOD Mech
11:20 am	Address by HOD Electrical
11:25 am	Presentations for 1 st year students by Dr. Sandhya Pillai
	1 st Year Incharge
11:30 am	Presentation by Dr. Sudha Singh (Library and Women Grievance)
11:55 am	National Anthem
12:00 noon	Visit of the College
1:30 pm	Dispersal


Dr. Mrs. Dipali Soren
Principal



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Student Orientation Programme



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Department of Basic Sciences and Humanities

**2020-21 BATCH
ORIENTATION PROGRAM
FOR FIRST YEAR ENGINEERING STUDENTS.**

C

Student Orientation Programme



Department of Basic Sciences and Humanities

Report

Bhilai:07/12/2020

Christian College of Engineering and Technology (CCET), Bhilai welcomes the new Batch of Engineering Graduates to the College Campus on 07/12/2020.

Orientation Program was organised in online mode The program started with the blessings of Executive Vice Chairman Rev George Varughese followed by the welcome speech by College Principal Dr. Mrs. Dipali Soren. College. She welcomed the newly admitted students.

All the departmental HOD's gave the outlook and briefed the related fields of their branches. First Year In charge Dr. Sandhya Pillai welcomed the students, gave an overview of whole college, its history and briefs of 1st year course curriculum and subject details. College overview was given with the presentations by the First year Incharge Dr Sandhya Pillai. Online classes started from the next of orientation programs.

Dr Sandhya Pillai

First year Incharge.

Dr Dipali Soren

Principal



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Department of Basic Sciences and Humanities

Programme Schedule

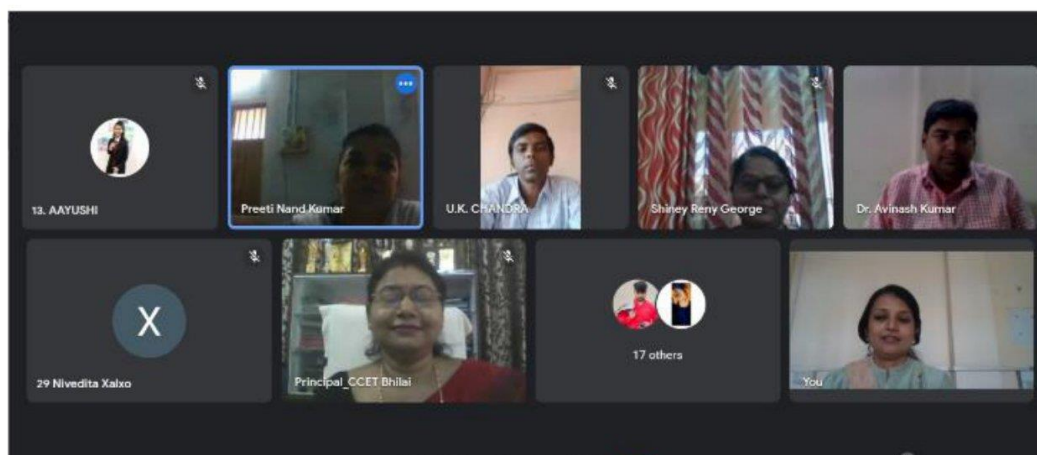
Orientation Program for Fresher's 2020-21 (ONLINE)

Google Meet

10:30 am	Welcome by First Year Incharge Dr. Sandhya Pillai
10:35 am	Welcome by First Year Incharge Dr. Sandhya Pillai
11:05 am	Address by Rev. Fr. Kurian Jabo, EVC, CCET
11:10 am	Address by HOD CSE
11:15 am	Address by HOD Mech
11:20 am	Address by HOD Electrical
11:25 am	Presentations for 1 st year students by Dr. Sandhya Pillai 1 st Year Incharge
11:30am	Presentation by Dr. Sudha Singh (Library and Women Grievance)
11:55 am	National Anthem


Dr. Mrs. Dipali Soreni
Principal

Online meet



Student Orientation Programme



Department of Basic Sciences and Humanities

Roll list of First year students 2020-21

Class Roll No.	University Roll No.	Name of Student	Branch
1	301102220001	ABHISHEK KUMAR	CSE
2	301102220002	AALOK KUMAR MUNDA	CSE
3	301102220003	ALVIN SAM JACOB	CSE
4	301102220004	ASHISH SAINI	CSE
5	301102220005	JAISLEEN SAHOTA	CSE
6	301102220006	DURGA SONI	CSE
7	301102220007	YOGESH KUMAR SEN	CSE
8	301102220008	SHIVSHANKAR CHOUHAN	CSE
9	301102220009	HIMANCHAL	CSE
10	301102220010	SAHIL KUMAR YADAV	CSE
11	301102220011	RAJNISH KUMAR	CSE
12	301102220012	MANASH DEWANGAN	CSE
13	301102220013	AAKASH KASHYAP	CSE
14	301102220014	DHARMENDRA KUSHWAHA	CSE
15	301102220015	AAYUSHI	CSE
16	301102220016	ARYAN GUPTA	CSE
17	301102220017	ANGAD YADAV	CSE
18	301102220018	SANDEEP SIKDAR	CSE
19	301102220019	RAHUL SINGH	CSE
20	301102220020	NUTAN	CSE
21	301102220021	NAVYA KUMAR RAM	CSE
22	301102220022	SUKHJEET SINGH HANS	CSE

Student Orientation Programme

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Approved by AICTE and Affiliated to CSVTU, Bhilai

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Department of Basic Sciences and Humanities

23	301102220023	VISHWAPRATAP DAS	CSE
24	301102220024	SULTANA KHATUN	CSE
25	301102420001	ALBEY A L	EE
26	301102420002	PREMKUMAR YADAV	EE
27	301102420003	MEENU	EE
28	301102420004	SAKET KUMAR	EE
29	301103720003	YUVRAJ KUMAR	MECH
30	301103720005	PRINCE KUMAR	MECH
31	301103720006	VIKKY KUMAR	MECH
32	301103720007	BUBULU KUMAR	MECH
33	301103720008	JAYANT KUMAR SINGH	MECH
34	301103720009	SHIVAM PRASAD	MECH
35	301103720010	MAYUR YADAV	MECH
36	301103720011	ROBIN ROY	MECH
37	301103720012	AMAN NIKUNJ	MECH
38	301103720013	ROHAN SINHA	MECH
39	301103720014	MANOHAR KUMAR	MECH
40	301103720015	DIVYA PRAKASH	MECH

Dr Sandhya Pillai

First year Incharge.

Student Orientation Programme

Criterion 6

QIM 6.5.1 IQAC Initiatives



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*Department of Basic Sciences and
Humanities*

**2019-20 BATCH
ORIENTATION PROGRAM
FOR FIRST YEAR ENGINEERING STUDENTS**

Student Orientation Programme

Criterion 6

QIM 6.5.1 IQAC Initiatives



Department of Basic Sciences and Humanities

REPORT

Bhilai: 03/09/2019

Christian College of Engineering and Technology (CCET), Bhilai welcomes the new Batch of Engineering Graduates to the College Campus on 03/09/2019.

Orientation Program was organised in College Auditorium. The program started with the blessings of Executive Vice Chairman Rev George Varughese followed by the welcome speech by College Principal Dr. Mrs. Dipali Soren. College. She welcomed the newly admitted students.. College overview was given with the presentations by the First year Incharge Dr Sandhya Pillai. Online classes started from the next of orientation programs.

All the departmental HOD's gave the outlook and briefed the related fields of their branches. First Year In charge Dr. Sandhya Pillai welcomed the students, gave an overview of whole college, its history and briefs of 1st year course curriculum and subject details

Dr Sandhya Pillai

First year Incharge.

Dr Dipali Soren

Principal

Student Orientation Programme



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Department of Basic Sciences and Humanities

Programme Schedule

Orientation Program for First year 2019-20

10:00 am - 10:30 am	Registration
10:30 am	Welcome
10:40 am	Lighting of the Lamp
10:45 am	Introductory Speech by Dr. Dipali Soren, Principal CCET
11:00 am	Blessings
11:05 am	Address by Rev. Fr. George Vaidya, DVC, CCET
11:10 am	Address by HOD CSE
11:15 am	Address by HOD Mech
11:20 am	Address by HOD Electrical
11:25 am	Presentations for 1 st year students by Dr. Sandhya Pillai
	1 st Year Incharge
11:30 am	Presentation by Dr. Sudha Singh (Library and Women Grievance)
11:55 am	National Anthem
12:00 noon	Visit of the College
1:30 pm	Dispersal


Dr. Mrs. Dipali Soren
Principal

Student Orientation Programme

Criterion 6

QIM 6.5.1 IQAC Initiatives



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Department of Basic Sciences and Humanities

ROLL LIST OF FIRST YEAR STUDENTS

1	Computer. SC	ABHIMANYU BANERJEE
2	Computer. SC	AMIT KUJUR
3	Computer. SC	ARIMA TOPPO
4	Computer. SC	ARTI XALXO
5	Computer. SC	GULNAJ ANSARI
6	Computer. SC	JEEVAN BARA
7	Computer. SC	POONAM LAKRA
8	Computer. SC	ROSHAN KUMAR SAHU
9	Computer. SC	SHILANATH PRATAP SINGH
10	Computer. SC	SHIVAM PANDEY
11	Computer. SC	VIBHA
12	Computer. SC	VINAY MINJ
13	Electrical	AKHIL ANU ABRAHAM
14	Electrical	LEO KOSHY VARGHESE
15	Electrical	PAWAN KUMAR VISHWAKARMA
16	Electrical	ROVINS XESS
17	Electrical	VEDINA XAXA
18	Mechanical	ANURAG SHARMA
19	Mechanical	BHUPESH KUMAR SAHU
20	Mechanical	RAHUL KU BRAMHANKAR
21	Mechanical	ROBINS JACOB JOHN
22	Mechanical	ROSHAN ROY
23	Mechanical	SAHIL HUSSAIN
24	Mechanical	SHARON SURYAVANSHI
25	Mechanical	SHIVNATH GOTA
26	Mechanical	SHREYANSH LAL

Dr Sandhya Pillai

First year Incharge.

Student Orientation Programme

Criterion 6

QIM 6.5.1 IQAC Initiatives



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*Department of Basic Sciences and
Humanities*

**2018-19 BATCH
ORIENTATION PROGRAM
FOR FIRST YEAR ENGINEERING STUDENTS**

Student Orientation Programme

Criterion 6

QIM 6.5.1 IQAC Initiatives



Department of Basic Sciences and Humanities

Report :

Bhilai: 01 August 2018.

Christian College of Engineering and Technology (CCET), Bhilai welcomes the 20th Batch of Engineering Graduates to the College Campus on 01 August 2018..Program was organised by the First Year Incharge Dr Anil Kumar Choubey.This Orientation program was conducted with an objective to introduce newly admitted students to the campus and help them to get familiarize with the new environment. It also aims to the newly admitted students to create awareness about engineering education and their chosen fields.

Program started with lighting of traditional lamp followed by the welcome speech by College Principal Dr.Mrs.Dipali Soren. She motivated students by lighting the unique features of CCET. She also highlighted the facilities, different student friendly programs. Campus selection and placement is another attractive points to every students, at CCET, College Executive vice Chairman Rev.Fr Jose K..Varghese, in his presidential address reminded the students the future of Engineering and the motto of life.His thrust was on Hard work,Determination.The Program was presided over by Very Rev Gee Varghese Ramban.

All the departmental HOD's gave the outlook and briefed the related fields of their branches. First Year In charge Dr.Preeti Nand Kumar welcomed the students, gave an overview of whole college, its history and briefs of 1st year course curriculum and subject details. Students visited the entire college,its laboratories, library and workshop. Regular classes will start from 19th October, however admission will continue till 25th of October.

Dr Anil Choubey
First Year Incharge

CCET,Bhilai

Student Orientation Programme



Department of Basic Sciences and Humanities

INVITATION

First Year Orientation Programme

The 1st year orientation programme will be conducted at the auditorium hall on

1st August 2018 Wednesday from 9:30 AM

All faculty members and 1st year students are requested to take part in the celebrations in full strength and make the event a grand success.

THE FUNCTION WILL BE PRESIDED BY

Very Rev. Geevarghese Ramban
Vice President, St. Thomas Mission

Dr. DIPALI SOREN
Principal, CCET

Fr. JOSE K VARGHESE
Executive Vice-Chairman, CCET

PROGRAMME SCHEDULE

9:00am – 10:30am	Reception & Registration
10:30am	Welcome
10:40am	Lighting of the Lamp
10:45am	Introductory Speech by Dr. Dipali Soren , Principal CCET
11:00am	Blessings by Very Rev. Geevarghese Ramban , Vice President St. Thomas Mission
11:15am	Address by Rev. Fr. Jose K. Varghese , EVC CCET
11:30am	Presentation by Dr. Anil Choubey, 1 st Year Incharge
11:45am	Presentation by Dr. Sudha Singh (Library and Women Grievance Cell)
11:50am	Presentation by Mr. Piyush Prakash Sharma, Sports Officer
11:55am	Vote of thanks by Dr. Subhashish Biswas, Dy. First Year Incharge
12:00noon	Refreshments
12:15 pm-1:30pm	Visit of the College & Dispersal



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CCET

www.ccetbhilai.ac.in

Student Orientation Programme

Criterion 6

QIM 6.5.1 IQAC Initiatives



Department of Basic Sciences and Humanities

ProgrammeSchedule

Orientation Program for Fresher's2018-19

9:00am – 10:30am	Reception & Registration
10:30am	Welcome
10:40am	Lighting of the Lamp
10:45am	Introductory Speech by Dr. Dipali Soren, Principal CCET
11:00am	Blessings by Very Rev. GeevargheseRamban, VicePresident St. Thomas Mission
11:15am	Address by Rev. Fr. Jose K. Varghese, EVC CCET
11:30am	Vote of thanks (by Dr. Anil Choubey, 1st Year Incharge to Dignitaries)
	Presentations for 1st year students
11:30am	Presentation by Dr. Anil Choubey, 1st Year Incharge
11:45am	Presentation by Dr. Sudha Singh about Library and Women Grievance Cell
11:50am	Presentation by Mr. Piyush Prakash Sharma, Sports Officer
11:55am	Vote of thanks by Dr. Subhashish Biswas, Dy. First Year Incharge
12:00noon	Refreshments
12:15 pm-1:30pm	Visit of the College & Dispersal

First Year Incharge

Student Orientation Programme

Criterion 6

QIM 6.5.1 IQAC Initiatives



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LIST OF TRAINING PROGRAM FOR NON TEACHING STAFF **WITH SAMPLE REPORT**

Criterion 6

QIM 6.5.1 IQAC Initiatives



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INTERNAL ACADEMIC AUDIT REPORT

Criterion 6

QIM 6.5.1 IQAC Initiatives



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Ref. No/CCET/Admin/2022/ 87

Date: 05.07.2022

NOTICE

To: All HODs / 1st yr Incharge and Staff members

Sub: Internal Academic Audit Committee Meeting

We would like to inform you of an upcoming meeting of the Internal Academic Audit Committee in every department. This committee plays a crucial role in ensuring the quality and effectiveness of our academic programs and processes within our institution.

The Internal Academic Audit Committee for AY-2022-23 is composed of :

1. Dr. Archana Chowdhury Vice Principal
2. Dr. Dillip Dash Professor, Applied Mathematics
3. Dr. R.H.Gajghat HOD, Mechanical Engg.

The Internal Academic Audit Committee is responsible for:

- Evaluating curriculum design and delivery.
- Assessing the quality of teaching and learning.
- Assessing adherence to academic policies and procedures.
- Ensuring compliance with accreditation standards.
- Identifying areas for improvement.

HODs presence and cooperation in this meeting are crucial, as we value your insights and contributions to the academic audit process. We encourage all faculty and staff members to actively participate in this meeting, as your insights and perspectives are invaluable in maintaining and enhancing our academic standards.

Whatever documents,, reports, or information relevant to the agenda, please share them with the committee to facilitate a comprehensive review.

Committee members are advised to submit audit report by the end of the session.


Principal


Executive Vice Chairman

Copy to:

* Honorable Chairman

* HOD (Mech./CSE/Elect./Electro. & Tel.) & 1st Year I/c

* Bursar

* Administrative Office



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2022-2023

DEPARTMENT: MECHANICAL ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Need to be collect details of resource persons
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	To be added new date base
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summery Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summery Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

(Dr. Archana Chowdhury)

(Dr. Dilip Dash)

(Dr. R.H. Gajghat)

Principal
CCET Bhilai



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2022-2023

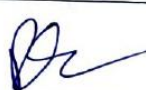
DEPARTMENT: ELECTRICAL ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	Ok	Documentation not properly done
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members


(Dr. Archana Chowdhury)


(Dr. Dillip Dash).


(Dr. R.H. Gajghat)


Principal
CCET Bhilai



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2022-2023

DEPARTMENT: COMPUTER SCIENCE ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	Need to be collect all publication
3	Seminar/FDP/ Workshop/Conference Attended	ok	Certificate not collected
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summery Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summery Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members


(Dr. Archana Chowdhury)


(Dr. Dillip Dash).


(Dr. R.H. Gajghat)


Principal
CCET Bhilai



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2022-2023

DEPARTMENT: ELECTRONICS & TELECOMM

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	To be added new faculty publication
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	satisfactory
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Need to be collect details
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	To be added new date base
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summery Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summery Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students' minor Project (B.Tech.)	ok	
26	Summary Sheet for Students' seminar (B. Tech.)	Not completed	File is not arranged
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

(Dr. Archana Chowdhury)

(Dr. Dillip Dash)

(Dr. R.H, Gajghat)

Principal
CCET Bhilai

08/05/2023



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Ref. No/CCET/Admin/2021/534

Date: 20.09.2021

NOTICE

To: All HODs / 1st yr Incharge and Staff members

Sub: Internal Academic Audit Committee Meeting

We would like to inform you of an upcoming meeting of the Internal Academic Audit Committee in every department. This committee plays a crucial role in ensuring the quality and effectiveness of our academic programs and processes within our institution.

The Internal Academic Audit Committee for AY-2021-22 is composed of :

- | | |
|-------------------------|--------------------------------|
| 1. Dr. Dillip Dash | Professor, Applied Mathematics |
| 2. Dr. P.S. Rao | HOD, Mechanical Engg. |
| 3. Dr. Preeti Nandkumar | Asso. Professor, Chemistry |

The Internal Academic Audit Committee is responsible for:

- Evaluating curriculum design and delivery.
- Assessing the quality of teaching and learning.
- Assessing adherence to academic policies and procedures.
- Ensuring compliance with accreditation standards.
- Identifying areas for improvement.

HODs presence and cooperation in this meeting are crucial, as we value your insights and contributions to the academic audit process. We encourage all faculty and staff members to actively participate in this meeting, as your insights and perspectives are invaluable in maintaining and enhancing our academic standards.

Whatever documents,, reports, or information relevant to the agenda, please share them with the committee to facilitate a comprehensive review.

Committee members are advised to submit audit report by the end of the session.


Principal


Executive Vice Chairman

Copy to:

* Honorable Chairman
* HOD (Mech/CSE/Elect./Electro. & Tel.) & 1st Year I/c

* Bursar
* Administrative Office



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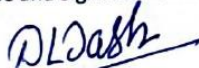
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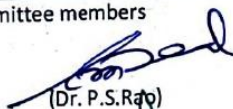
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INTERNAL ACADEMIC AUDIT REPORT**SESSION: 2021-2022****DEPARTMENT: MECHANICAL ENGINEERING**


Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	Need to be collect all publication
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
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19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
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24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members


(Dr. Dillip Dash)


(Dr. P.S. Rao)


(Dr. Preeti Nand Kumar).


Principal
CCET Bhilai



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INTERNAL ACADEMIC AUDIT REPORT


SESSION: 2021-2022

DEPARTMENT: ELECTRICAL ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	ok	Document not properly arranged
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	Ok	Documentation not properly done
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summery Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summery Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members


(Dr. Dillip Dash)


(Dr. P.S. Rao)


(Dr. Preeti Nand Kumar).


Principal
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INTERNAL ACADEMIC AUDIT REPORT


SESSION: 2021-2022

DEPARTMENT: COMPUTER SCIENCE ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	Need to be collect all publication
3	Seminar/FDP/ Workshop/Conference Attended	ok	Certificate not collected
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summery Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summery Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members


 (Dr. Dillip Dash)


 (Dr. P.S.Rao)


 (Dr. Preeti Nand Kumar).


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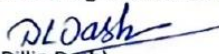
INTERNAL ACADEMIC AUDIT REPORT


SESSION: 2021-2022

DEPARTMENT: ELECTRONICS & TELECOMM

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	File not completed
3	Seminar/FDP/ Workshop/Conference Attended	ok	To be collect document
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	nil
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	ok	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summery Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summery Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	Not satisfactory
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	Good

Name and Signature of Internal Audit Committee members


(Dr. Dillip Dash)


(Dr. P.S. Rao)


(Dr. Preeti Nand Kumar).


Principal
CCET Bhilai

8/04/2022



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**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Ref. No/CCET/Admin/2019/ 199 (A)

Date: 08.07.2019

NOTICE

To: All HODs / 1st yr Incharge and Staff members

Sub: Internal Academic Audit Committee Meeting

We would like to inform you of an upcoming meeting of the Internal Academic Audit Committee in every department. This committee plays a crucial role in ensuring the quality and effectiveness of our academic programs and processes within our institution.

The Internal Academic Audit Committee for AY-2019-20 is composed of :

1. Dr. Ritesh Dash HOD, Electrical Engg.
2. Dr. Preeti Nandkumar Associate Professor, Applied Chemistry
3. Dr. Sasanka Sekhar Bishoyi Associate Professor, Applied Mathematics

The Internal Academic Audit Committee is responsible for:

- Evaluating curriculum design and delivery.
- Assessing the quality of teaching and learning.
- Assessing adherence to academic policies and procedures.
- Ensuring compliance with accreditation standards.
- Identifying areas for improvement.

HODs presence and cooperation in this meeting are crucial, as we value your insights and contributions to the academic audit process. We encourage all faculty and staff members to actively participate in this meeting, as your insights and perspectives are invaluable in maintaining and enhancing our academic standards.

Whatever documents,, reports, or information relevant to the agenda, please share them with the committee to facilitate a comprehensive review.

Your engagement in this process demonstrates our collective commitment to academic excellence at CCET. Together, we can uphold our institution's standards of excellence.


Principal


Executive Vice Chairman

Copy to:

* Honorable Chairman
* HOD (Mech./CSE/Elect./Electro. & Tel.) & 1st Year I/c

* Bursar
* Administrative Office



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2019 -2020

DEPARTMENT: COMPUTER SCIENCE ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	ok	No is very less
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	
11	Professional Membership Details of Faculty Members	ok	No is very less
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	ok	
15	Students Pursuing Higher Education	No record found	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members


(Dr. Ritesh Dash)


(Dr. Preeti Nandkumar)


(Dr. S S Bishoyi).


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16/03/2020



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2019 - 2020

DEPARTMENT: MECHANICAL ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	arranged but no is very less	
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Program Details	Not Applicable	
7	Career Advancement of Faculty	Not arranged properly	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	New faculty has to take the membership
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not satisfactory	
15	Students Pursuing Higher Education	No records	
16	Assignment Details	completed	
17	Value Added Courses / Training Programs Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B. Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	satisfactory	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	Not satisfactory	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	No records	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

Ritesh
(Dr. Ritesh Dash)

Preeti
(Dr. Preeti Nandkumar)

S S
(Dr. S S Bishoyi).

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CCET Bhilai

16/03/2020



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2019 -2020

DEPARTMENT: ELEX & TELECOMM ENGG

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Program Details	Not Applicable	
7	Career Advancement of Faculty	ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok but nos are very less	
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	ok	
15	Students Pursuing Higher Education	Not applicable	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not satisfactory	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	ok	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	ok	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

Ritesh
(Dr. Ritesh Dash)

Preet
(Dr. Preet Nandkumar)

SS
(Dr. SS Bishoyi).

[Signature]
Principal
CCET Bhilai
16/03/2020



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2019 -2020

DEPARTMENT: ELECTRICAL ENGINEERING

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	Not satisfactory	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Not maintained	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	Ok	
10	Resource Persons Invited	Not arranged properly	
11	Professional Membership Details of Faculty Members	ok	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	Not satisfactory	
14	Students' Publication Details	No. is very less	
15	Students Pursuing Higher Education	Record not found	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not satisfactory	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	Not satisfactory	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

(Dr. Ritesh Dash)

(Dr. Preeti Nandkumar)

(Dr. S S Bishoyi).

Principal
CCET Bhilai
16/03/2020



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Ref. No/CCET/Admin/2018/150 (3)

Date: 05.07.2018

NOTICE

To: All HODs / 1st yr In charge and Staff members

Sub: Internal Academic Audit Committee Meeting

We would like to inform you of an upcoming meeting of the Internal Academic Audit Committee in every department. This committee plays a crucial role in ensuring the quality and effectiveness of our academic programs and processes within our institution.

The Internal Academic Audit Committee for AY-2018-19 is composed of :

1. Dr. Mrinal Kanti Manik HOD, Mechanical Engg.
2. Dr. Mina Mishra HOD, Electronics & Telecommunication Engg.
3. Dr. Anil Kumar Choubey Associate Professor, Applied Physics

The Internal Academic Audit Committee is responsible for:

- Evaluating curriculum design and delivery.
- Assessing the quality of teaching and learning.
- Assessing adherence to academic policies and procedures.
- Ensuring compliance with accreditation standards.
- Identifying areas for improvement.

HODs presence and cooperation in this meeting are crucial, as we value your insights and contributions to the academic audit process. We encourage all faculty and staff members to actively participate in this meeting, as your insights and perspectives are invaluable in maintaining and enhancing our academic standards.

Whatever documents,, reports, or information relevant to the agenda, please share them with the committee to facilitate a comprehensive review.

Your engagement in this process demonstrates our collective commitment to academic excellence at CCET. Together, we can uphold our institution's standards of excellence.


Principal



Executive Vice Chairman

Copy to:

* Honorable Chairman

* HOD (Mech./CSE/Elect./Electro.& Tel.) & 1st Year I/c

* Bursar

* Administrative Office



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INTERNAL ACADEMIC AUDIT REPORT**SESSION: 2018-2019****DEPARTMENT: MECHANICAL ENGINEERING**

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Not properly arranged	Need to be collect all faculty publication
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Program Details	Not Applicable	
7	Career Advancement of Faculty	Ok	No. is very less
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	satisfactory	New faculty has to be take the membership
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	
15	Students Pursuing Higher Education	No records	
16	Assignment Details	completed	
17	Value Added Courses / Training Programs Conducted	ok	No is not sufficient
18	Students' Placement	satisfactory	
19	Alumni Association Database	Not maintained properly	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B. Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not maintained	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	Research initiatives are very less
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	Not maintained	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members


 (Dr. M.K. Manik)


 (Dr. Mina Mishra)


 (Dr. Anil Kumar Choubey).

Principal, CCET Bhilai

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INTERNAL ACADEMIC AUDIT REPORT**SESSION: 2018 -2019****DEPARTMENT: COMPUTER SCIENCE ENGINEERING**

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	Need to be collect all publication
3	Seminar/FDP/ Workshop/Conference Attended	ok	Certificate not collected
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Ok	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Details not up to mark
11	Professional Membership Details of Faculty Members	Not satisfactory	All faculty has to be guided for membership
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not completed	
15	Students Pursuing Higher Education	Not maintained	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

Manik
(Dr. M.K.Manik)

Mina
(Dr. Mina Mishra)

Anil Kumar
(Dr.Anil Kumar Choubey).

Principal
CCET Bhilai

18/03/2019



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INTERNAL ACADEMIC AUDIT REPORT

SESSION: 2018-2019

DEPARTMENT: ELEX & TELECOMM ENGG

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	ok	
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Program Details	Not Applicable	
7	Career Advancement of Faculty	Not found	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	ok	
10	Resource Persons Invited	Ok	Need to be collect details of resource persons
11	Professional Membership Details of Faculty Members	satisfactory	
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	completed	
14	Students' Publication Details	Not maintained	
15	Students Pursuing Higher Education	Not found record	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	Not satisfactory	
18	Students' Placement	satisfactory	
19	Alumni Association Database	ok	To be added new date base
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	ok	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

(Dr. M.K. Manik)

(Dr. Mira Mishra)

(Dr. Anil Kumar Choubey).

Principal 18/03/2019
CCET Bhilai

Criterion 6

QIM 6.5.1 IQAC Initiatives



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**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY****INTERNAL ACADEMIC AUDIT REPORT****SESSION: 2018 -2019****DEPARTMENT: ELECTRICAL ENGINEERING**

Sn	Activity	Document Status	Remark
1	Faculty Profile	Satisfactory	
2	List of Faculty Publications	Ok	
3	Seminar/FDP/ Workshop/Conference Attended	ok	Document not properly arranged
4	Check List For Course File	Satisfactory	
5	Syllabus Coverage Report	satisfactory	
6	Quality Improvement Programme Details	Not Applicable	
7	Career Advancement of Faculty	Not maintained	
8	Work Load Distribution	Completed	
9	List of Faculty Achievements	Ok	
10	Resource Persons Invited	Ok	Documentation not properly done
11	Professional Membership Details of Faculty Members	Not satisfactory	All faculty has to be guided for membership
12	Enrolled Students List	ok	
13	Students Achievements Details- Extra Curricular	Not completed	
14	Students' Publication Details	Not completed	To be complete as soon as possible
15	Students Pursuing Higher Education	Record not found	
16	Assignment Details	completed	
17	Value Added Courses / Training Programmes Conducted	ok	
18	Students' Placement	satisfactory	
19	Alumni Association Database	Not arranged properly	
20	Department Infrastructure	Satisfactory	
21	Class Rooms	Satisfactory	
22	Laboratory Status	Satisfactory	
23	Summary Sheet for Internal Question Papers (B. Tech)	Ok	
24	Summary Sheet for University Question Papers (B. Tech)	ok	
25	Summary Sheet for Students 'minor Project (B.Tech.)	ok	
26	Summary Sheet for Students 'seminar (B. Tech.)	Not completed	
27	Summary Sheet Of Result Analysis (B. Tech.)	ok	
28	Summary Sheet for R&D	ok	
29	Departmental Budget	Satisfactory	
30	Non-Teaching Staff Details	ok	
31	Summary Sheet for Industry-Institute Interaction	ok	
32	Remedial Classes	Not found any record	
33	Timetable	ok	
34	Student List	Satisfactory	
35	Internal Assessment Marks File	ok	
36	Faculty HOD MoM	completed	

Name and Signature of Internal Audit Committee members

Manik
(Dr. M.K.Manik)

Mina
(Dr. Mina Mishra)

Anil Kumar
(Dr. Anil Kumar Choubey).

Principal, CCEY BHILAI

Criterion 6**QIM 6.5.1 IQAC Initiatives**



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RESEARCH PROPOSAL TO AICTE/CCOST

Criterion 6

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छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई

No. CSVTU/TEQIP-III/2022/ 6855

Bilai, Date: 19/04/22

Project Completion Certificate
Collaborative Research Project (CRP) under TEQIP-III

As per the letter No. CSVTU/CRP/TEQIP-III/79, Dated 05/09/2019, the Collaborative Research Project (CRP) titled "Sector field scaled application on linguistic information for decision making in a multi-dimensional algorithm" was approved for grant-in-aid of INR 1,00,000/- subjected to the fulfilment of the Guidelines. The project has been successfully completed and report submitted to TEQIP-III Cell, CSVTU Bilai.

Name of Principal Investigator : Dr. Dillip Kumar Dash

Name of the Institute : CCET Bilai

Name of Co-Principal Investigator : Mr. Radheshyam Panda

Name of the Institute : SSGI-SSTC

Name of Co-Principal Investigator : Dr. Ritesh Dash

Name of the Institute : CCET Bilai

Thasaku
Coordinator TEQIP-III
CSVTU, Bilai



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No. CSVTU/TEQIP-III/2022/6830

Bilai, Date: 19/04/2022

Project Completion Certificate
Collaborative Research Project (CRP) under TEQIP-III

As per the letter No. CSVTU/CRP/TEQIP-III/46, Dated 05/09/2019, the Collaborative Research Project (CRP) titled "Design of hybrid dielectric resonator antenna" was approved for grant-in-aid of INR 2,30,000/-subjected to the fulfilment of the Guidelines. The project has been successfully completed and report submitted to TEQIP-III Cell, CSVTU Bilai.

Name of Principal Investigator : Dr. Dipali Soren

Name of the Institute : CCET Bilai

Name of Co-Principal Investigator : Mr. Nilesh Tamboli

Name of the Institute : LCIT Bilaspur

Name of Co-Principal Investigator :

Name of the Institute :

Thasaku
Coordinator TEQIP-III
CSVTU, Bilai



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No. CSVTU/TEQIP-III/2022/ 6868

Bilai, Date: 19/04/2022

Project Completion Certificate
Collaborative Research Project (CRP) under TEQIP-III

As per the letter No. CSVTU/CRP/TEQIP-III/94, Dated 05/09/2019, the Collaborative Research Project (CRP) titled “**Study on fluidity of A518 Alloy with addition of Grain refinement in combination with silicon Carbide reinforcement by using Taguchi Method**” was approved for grant-in-aid of INR 1,50,000/-subjected to the fulfilment of the Guidelines. The project has been successfully completed and report submitted to TEQIP-III Cell, CSVTU Bilai.

Name of Principal Investigator : Dr. P Srinivasa Rao

Name of the Institute : CCET Bilai

Name of Co-Principal Investigator : Dr. Prabhat Kumar Giri

Name of the Institute : Shankaracharya Technical campus,SSGI,Bilai

Name of Co-Principal Investigator : Dr .Radheshyam H Gajghat

Name of the Institute : CCET, Bilai

Thasaku
Coordinator TEQIP-III
CSVTU, Bilai



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No. CSVTU/TEQIP-III/2022/6792

Bhilai, Date: 19/04/2022

Project Completion Certificate
Collaborative Research Project (CRP) under TEQIP-III

As per the letter No. CSVTU/CRP/TEQIP-III/02, Dated 06/06/2019, the Collaborative Research Project (CRP) titled "**Investigation of the effect of swirl pipe on pressure drop and wear in slurry flow in pipelines and bend**" was approved for grant-in-aid of INR 3, 00,000/-subjected to the fulfilment of the Guidelines. The project has been successfully completed and report submitted to TEQIP-III Cell, CSVTU Bhilai.

Name of Principal Investigator : Mr. R.K. Rathore
Name of the Institute : RCET Bhilai

Name of Co-Principal Investigator : Dr. Radheyshyam H. Gajghat
Name of the Institute : CCET Bhilai

Name of Co-Principal Investigator : -
Name of the Institute : -

Thasaku
Coordinator, TEQIP-III
CSVTU, Bhilai



CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BILHAIL

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No. CSVTU/TEQIP-III/2022/ 6810

Bilhail, Date: 19/1/22

Project Completion Certificate

Collaborative Research Project (CRP) under TEQIP-III

As per the letter No. CSVTU/CRP/TEQIP-III/20, Dated 17/08/2019, the Collaborative Research Project (CRP) titled "Design and development of cluster based smart agriculture system using machine learning and IoT" was approved for grant-in-aid of INR 2,50,000/-subjected to the fulfilment of the Guidelines. The project has been successfully completed and report submitted to TEQIP-III Cell, CSVTU Bilhail.

Name of Principal Investigator : Dr. Ritesh Dash

Name of the Institute : CCET Bilhail

Name of Co-Principal Investigator : Dr. G.C. Biswal

Name of the Institute : BIT Durg

Name of Co-Principal Investigator : Dr. Dillip Kumar Dash

Name of the Institute : CCET Bilhail

Thasah
Coordinator TEQIP-III
CSVTU, Bilhail



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No. CSVTU/TEQIP-III/2020/CRP-01 / 3915

Bhilai, Date: 06/02/2020

SANCTION LETTER

As per the letter No. CSVTU/CRP/TEQIP-III/02 Date 06/06/2019, the Collaborative Research Project titled "Investigation of the effect of swirl pipe on pressure drop in slurry flow in pipelines" has been approved for grant-in-aid of Rupees 3,00,000 , subject to the fulfilment of the Guidelines.

Name of Principal Investigator : Mr. R.K. Rathore
Name of the Institute : RCET Bhilai

Name of Co-Principal Investigator : Dr Radheshyam H. Gajghat
Name of the Institute : CCET Bhilai

Thasaku
06-02-20
TEQIP-III Coordinator
CSV TU, Bhilai



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No. CSVTU/TEQIP-III/2020/CRP-01 / 3915

Bilai, Date: 06/02/2020

SANCTION LETTER

As per the letter No. CSVTU/CRP/TEQIP-III/02 Date 06/06/2019, the Collaborative Research Project titled "Investigation of the effect of swirl pipe on pressure drop in slurry flow in pipelines" has been approved for grant-in-aid of Rupees 3,00,000 , subject to the fulfilment of the Guidelines.

Name of Principal Investigator	:	Mr. R.K. Rathore
Name of the Institute	:	RCET Bilai
Name of Co-Principal Investigator	:	Dr Radheshyam H. Gajghat
Name of the Institute	:	CCET Bilai

Thasaku
06.02.20
TEQIP-III Coordinator
CSVTU, Bilai



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No. CSVTU/TEQIP-III/2020/CRP-01/3914

Bilhail, Date: 06/02/2020

SANCTION LETTER

As per the letter No. CSVTU/CRP/TEQIP-III/03, Date 06/06/2019, the Collaborative Research Project titled "Functionalized 2D materials" has been approved for grant-in-aid of Rupees 2,50,000, subject to the fulfilment of the Guidelines.

Name of Principal Investigator : Dr. Mohan Lal Verma
Name of the Institute : SSGI Bilhail

Name of Co-Principal Investigator : Dr. B. keshav Rao
Name of the Institute : SSGI Bilhail

Name of Co-Principal Investigator : Dr. Anil Kumar Choube
Name of the Institute : CCET Bilhail

Thasaku
06.02.20
TEQIP-III Coordinator
CSVTU, Bilhail




FORM E (Utilization Certificate)



Title of the Project: Investigation of the effect of swirl pipe on pressure drop in slurry flow in pipelines


File No: CSVTU/CRP/TEQIP-III/02

Certified that the grant of Rs. 2,70,000/- (Rupees Two Lakh Seventy Thousand Rupees only) received from the Chhattisgarh Swami Vivekananda Technical University, Bhilai under TEQIP III, for the collaborative Research Project entitled "Investigation of the effect of swirl pipe on pressure drop in slurry flow in pipelines" vide CSVTU letter No CSVTU/CRP/TEQIP-III/02. Dated 06/06/2019 and out of 2,70,000/- rupees, only 215118/- rupees has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University.


Signature of the
Principal Investigator


Principal of Lead Institute
PRINCIPAL
Rungta College of Engg. & Tech.
Kohka Kurud Road, Kurud, Bhilai-490024
(Seal)


Statutory Auditor
(Govt. Internal Aud./ Chartered Accountant)
(Seal)

[CA. Abhijeet Mone]
M/41892

Signature of the Co-PI 1: 
Signature of the Co-PI 2:

Date: 18/03/2021


Signature of the Head of Lead Institute with seal
PRINCIPAL
Rungta College of Engg. & Tech
Kohka Kurud Road, Kurud, Bhilai-490024

Received
5 Hard copy & final
Bills





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LIST OF ADD ON PROGRAM WITH SAMPLE REPORT

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Name of Add on /Certificate /Value added programs offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
2022-23			
Matlab Using Object Concepts	20/03/2023 To 12/04/2023	8	8
Advanced Programming Paradigms In Plc	22/08/2022 To 13/09/2022	6	6
An Introduction To Intellectual Property Rights For Engineers In India	01/02/23 To 21/02/23	31	31
Soft Skill Development	07/02/2022 To 28/02/2022	25	25
Fundamental Design And Analysis Of Machine Elements By Solid Works	01/08/2022 To 24/08/2022	16	16
Arduino Programming	22/08/2022 To 13/09/2022	19	19
Natural Language Processing	20/03/2023 To 12/04/2023	31	31
Future Technologies	3/1/2023 To 30/1/2023	18	18
Hands On To Mathematical Skill	19/10/2022 To 30/11/2022	18	18
2021-22			
DSP Using Matlab	21/03/2022 To 08/04/2022	6	6
Automation Of Industrial Control Process	23/08/2021 To 10/09/2021	8	8
CSAT Preparation Technique	11/08/2021to 01/09/2021	20	20
Basics Of Fuzzy Logic	23/08/2021 To 10/09/2021	19	19
Android Mobile Application Development	21/03/2022 To 08/04/2022	31	31
Physical Fitness And Its Importance	21/6/2022 To 25/7/2022	27	26
Developing Communication Skills	5/12/2021 To 10/1/2022	27	26
2020-21			
Plc Programming From Scratch	22/03/2021 To 09/04/2021	23	23
Advanced Topics In Probability And Random Processes	24/08/2020 To 11/09/2020	6	6
Latex For Engineering Students	02/09/2020 To 23/09/2020	20	20
Ethics In Engineering Practice	18/01/2021 To 08/02/2021	25	25
Big Data Analytics	24/08/2020 To 11/09/2020	38	38
Basic Of Distributed System	22/03/2021 To 09/04/2021	28	28
Environmental Awareness	5/1/2021 To 12/2/2021	40	35
General Mental Ability	3/8/2020 To 11/9/2020	40	35
2019-20			
Advanced Linear Continuous Control Systems: Applications With Matlab Programming And Simulink	23/03/2020 To 10/04/2020	10	10

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Advanced Microwave Guided-Structures And Analysis	26/08/2019 To 19/09/2019	13	13
Overview Of Green Composites	08/01/2020 To 29/01/2020	42	40
Optimization Techniques For Design Of Product And Manufacturing	04/09/2019 To 25/09/2019	30	30
Basic Of Python	26/08/2019 To 13/09/2019	35	35
Lab Safety Measures	24/3/2020 To 6/5/2020	26	26
Mathematics For Engineers	2/9/2019 To 11/10/2019	25	25
2018-19			
Architectural Design Of Digital Integrated Circuits	25/03/2019 To 12/04/2019	25	25
Control System Design	27/08/2018 To 14/09/2018	10	10
Advanced Excel	09/01/2019 To 30/01/2019	50	45
Data Analysis With Spss	11/09/2018 To 01/10/2018	29	27
Introduction To Scilab	27/08/2018 To 14/09/2018	36	36
Modern Application Development	25/03/2019 To 12/04/2019	35	35
How Things Work-From Perspective Of Physics	02/03/2019 To 15/04/2019	36	36
Improving Skills In Mathematics	10/8/2018 To 20/9/2018	26	26

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A
Certificate Course
On
Control System Design

Report

Venue : CCET Bhilai

Date: 27/08/2018 to 14/09/2018

Name of resource person: Mr. M. Biswal

Criterion 6

QIM 6.5.1 IQAC Initiatives



NOTICE

Date: 02/08/2018

All the faculty members and non teaching staff of the department are requested to attend departmental meeting on date: 02/08/2018, Time: 01:00 p.m.
Venue: HOD Cabin

Agenda of the meeting:

1. Finalization of Certificate Course
 2. In-house (in case of availability of expert) / external guest faculty or Agency
- Number of hours/days, Venue and Eligibility of Participants

HOD

Department of Electrical Engineering

Copy to:

1. Principal mam
2. All Faculty members
3. IQAC



Date: 03/08/2018

Minutes of Meeting

A departmental meeting of teaching and non teaching staff with HOD was held on date: 03/08/2018, Time: 01:00 p.m. Venue: HOD Cabin. Discussion on following points has been done.

1. It has been decided that a Certificate Course on Control System Design will be conducted from 27/08/2018 to 14/09/2018 for 30 hours.
2. Students of 3rd and 4th year studying in Electrical Engineering are eligible to attend the course
3. The title of the course will be Automation of Industrial Control Process
4. Mr. M. Biswal, Assistant Professor of Electrical Engineering Department will be conducting the classes
5. The course conducted will be free of cost
6. The course will be conducted for 2 hours every day after regular classes .
7. Venue for the course is Computer Lab.

HOD

Department of Electrical Engineering

Copy to:

1. Principal mam
 2. All Faculty members
 3. IQAC
-



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NOTICE

Date: 10/08/2018

All the students of 3rd and 4th year of Electrical Engineering Branch are hereby informed that we are planning to conduct a certificate course on Control System Design will be conducted from 27/08/2018 to 14/09/2018 for 30 hours. No fee will be charged for the same. Students willing to participate register your names to respective Class Incharges earliest by 25.08.2018.

HOD

Department of Electrical Engineering

Criterion 6

QIM 6.5.1 IQAC Initiatives



Course Objective:

The course exposes students to control design for continuous-time linear time-invariant (LTI) systems. The course focuses primarily on using Laplace and frequency-domain techniques. It discusses design of 1-degree of freedom (i.e., single controller) and 2-degree of freedom control systems for Single Input-Single Output (SISO) plants, using a range of tools including Nyquist plots, Bode plots, Evans plots (root locus), and Nichols plots. It also discusses the fundamental limits associated with control design and the related trade-offs that need to be made during design.

Course Syllabus:

- Linear system theory
 - Fourier and Laplace transforms,
 - Transfer functions Fundamentals of feedback control
 - Nyquist stability theory Bode plots
 - Design of 1-degree of freedom control systems
 - Robust control Quantitative Feedback Theory
 - Quantitative Feedback Theory
 - Bode sensitivity integral
 - Bode Gain-Phase relationship
 - Ideal Bode Characteristic
 - Control of non-minimum phase systems
 - Control of unstable systems
 - Describing functions
 - Solved examples
-



Course Outcomes:

- Learn Linear system theory, Fourier and Laplace transforms, Nyquist stability theory Bode plots.
- To design n -degree of freedom control systems, Robust control Quantitative Feedback Theory, Quantitative Feedback Theory
- To analyse Bode sensitivity integral, Bode Gain-Phase relationship, Ideal Bode Characteristic
- Learn Control of unstable systems and Describing functions

**Enrolment List**

S/NO.	Enroll No.	Name of Student
1	BA0095	AATIFA FATIMA
2	BA1785	AWINT KUJUR
3	BA2732	BHUPENDRA KUMAR DEWANGAN
4	BA3259	DEEPALI SAHU
5	BB5592	DIVYA SUNA
6	BB6487	RAHUL KUMAR CHOUDHARY
7	BA9523	RITESH KUMAR
8	BB1868	SANDHYA SAH
9	BB2161	VARGHESE EKKA
10	BA0095	VINAY KUMAR SINGH

Criterion 6**QIM 6.5.1 IQAC Initiatives**



Attendance List

S.No	ENROLL NO.	NAME	D a y 1	D a y 2	D a y 3	D a y 4	D a y 5	D a y 6	D a y 7	D a y 8	D a y 9	D a y 10	D a y 11	D a y 12	D a y 13	D a y 14	D a y 15	D a y 16	D a y 17	D a y 18	D a y 19	D a y 20	D a y 21	D a y 22	D a y 23	D a y 24	D a y 25	Signature
1	BA0095	AATIFA FATIMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Aatifa</i>
2	BA1785	AWINT KUJUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Awint</i>
3	BA2732	BHUPEN DRA KUMAR DEWANGAN	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	<i>Bhupen</i>
4	BA3259	DEEPALI SAHU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Deepali</i>
5	BB5592	DIVYA SUNA	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	<i>Divya</i>
6	BB6487	RAHUL KUMAR CHOUHDARY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Rahul</i>
7	BA9523	RITESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Ritesh</i>
8	BB1868	SANDHYA SAH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Sandhya</i>
9	BB2161	VARGHESE EKKA	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	<i>Varghese</i>
10	BA0095	VINAY KUMAR SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Vinay</i>

Activate
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Report On “A certificate course on Control system design”:

“A Certificate Course on Control system design” for 30 hours was arranged for the students of 3rd and 4th year of Electrical Students from 27/08/2018 to 14/09/2018. A total of 10 students enrolled themselves for the course and participated in the program. The sessions were conducted by Mr. M. Biswal, Assistant Professor, CCET Bhilai. The main objective of the course was to introduce the students about Control system design.

From the overall responses received from the students regarding the course, It has been analysed that a majority of students have recommended for similar type of Certificate Courses to be organised in the institution.

Photographs





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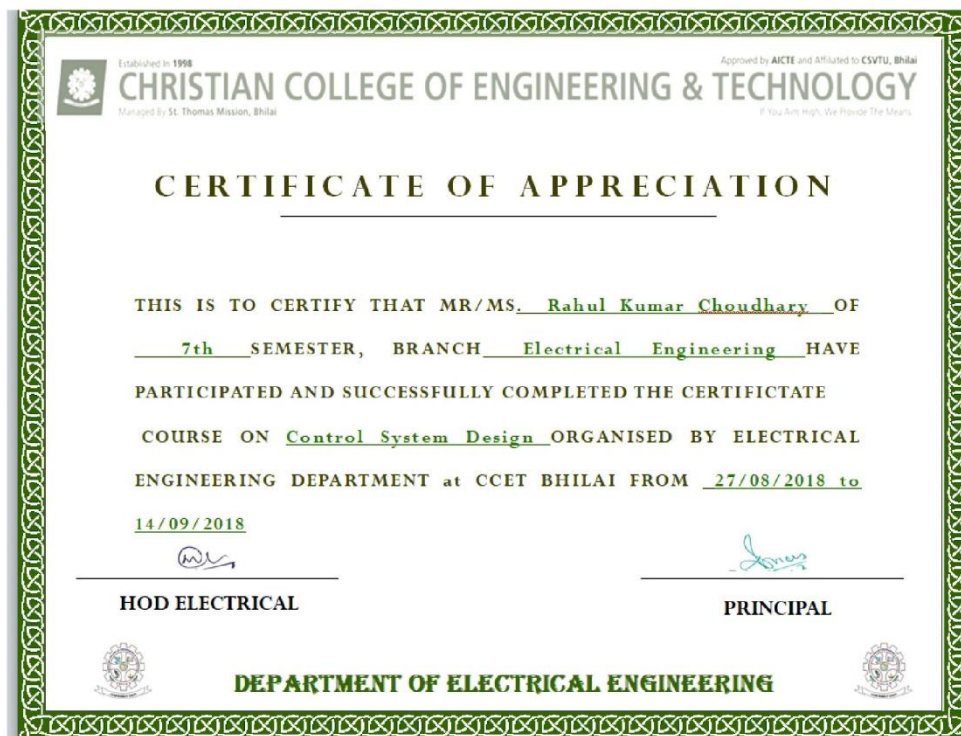
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Sample of Certificate



Criterion 6

QIM 6.5.1 IQAC Initiatives



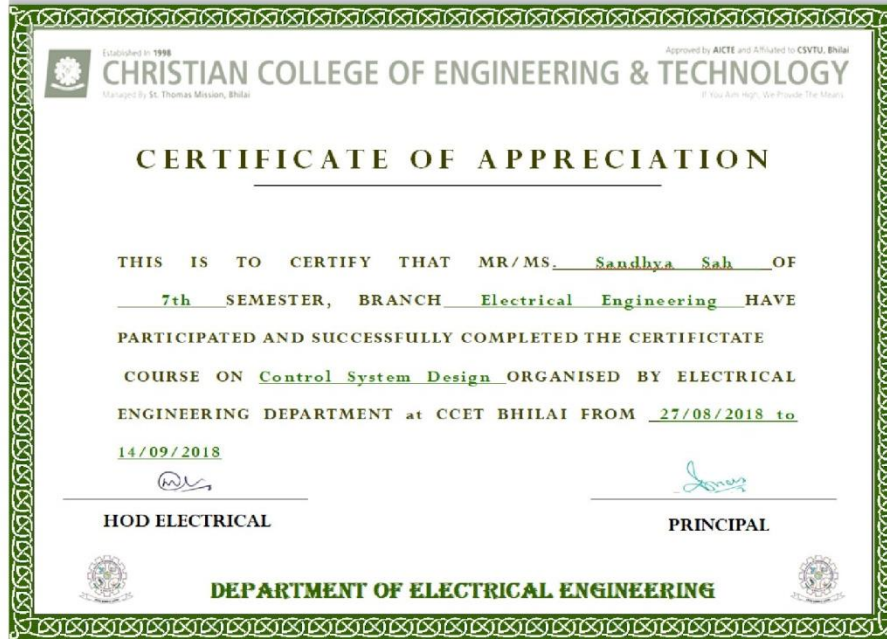
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QIM 6.5.1 IQAC Initiatives

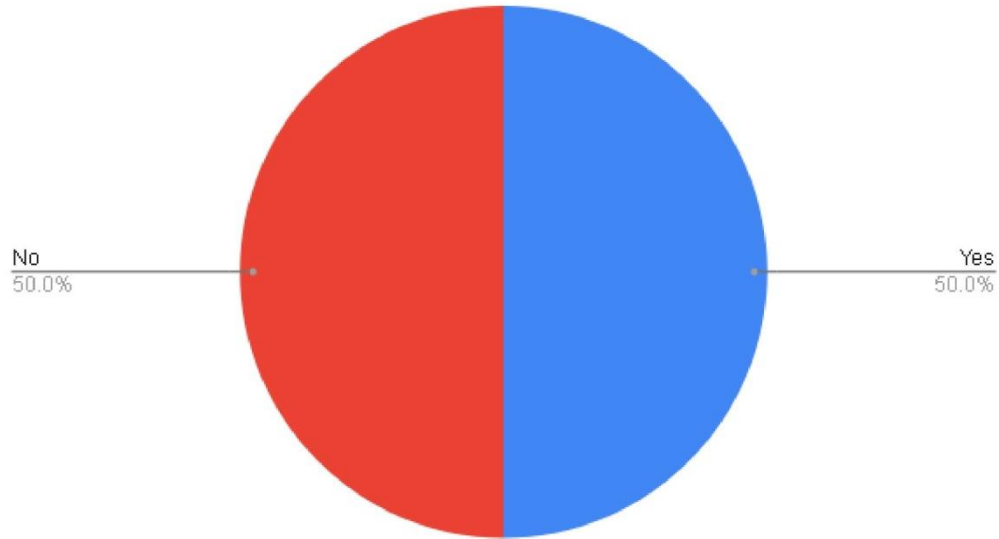


Feedback:

Feedback link:

<https://forms.gle/zJf59H9uXUatQyba7>

Count of Q.1 Where objectives of the session clear to you? ⋮

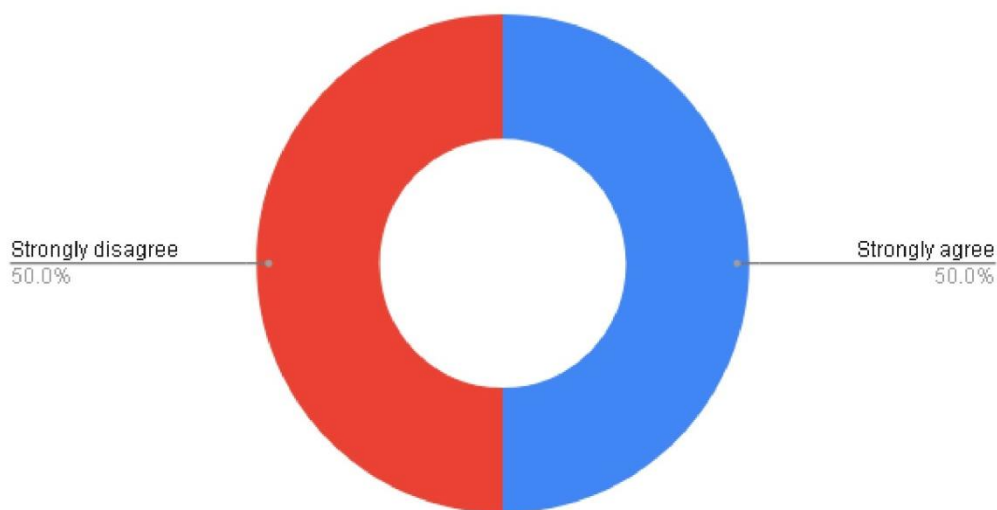


Criterion 6

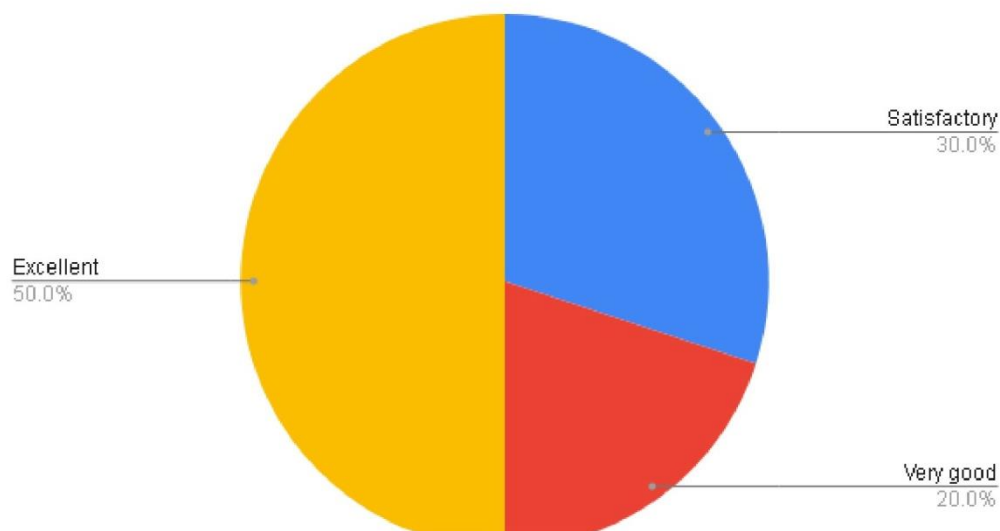
QIM 6.5.1 IQAC Initiatives



Count of Q.2 The session exposed you to new knowledge and practices.



Count of Q.3 Contribution of lecture to your skill/knowledge.

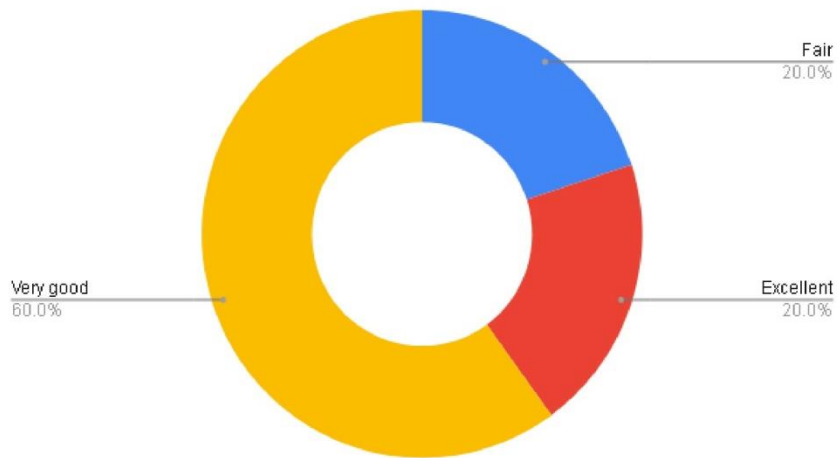


Criterion 6

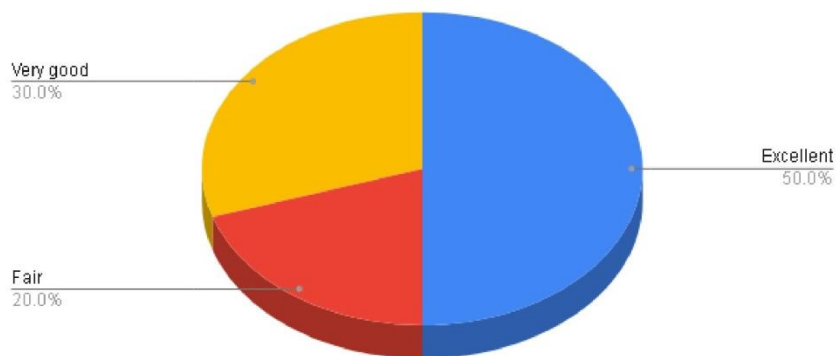
QIM 6.5.1 IQAC Initiatives



Count of Q.4 Time management by session speaker. :



Count of Q.5 Communication Skill of Speaker. :



Criterion 6

QIM 6.5.1 IQAC Initiatives



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A
Add on Course
On
Hands on to Mathematical Skills

Report

Venue: CCET Bhilai

Date: 19/10/2022 to 30/11/2022

Name of resource person: Dr. S.S. Bishoyi

Criterion 6

QIM 6.5.1 IQAC Initiatives

**Course Objective :**

The objective of the course on **Hands on to Mathematical Skills** is to provide students with the fundamental knowledge and the practical experience needed to develop essential skills in mathematics.

Students will develop the ability to learn the mathematical concepts and techniques with the real world problems and academic pursuits.

Through the lectures and exercises students will learn mathematical skills such as Arithmetic's, Algebra, Trigonometry, Determinants and Matrices.

They will enhance the mathematical concepts and skills for problem solving and critical thinking

Detail of Resource Person: Dr.S.S.Bishoyi, Associate Professor, CCET Bhilai

Target Audience:

- Engineering students of first year students (All branch)
- A total of 18 students enrolled and 18 students participated in the program

Course Syllabus:

The course 'Hands on to Mathematical Skills' contains following modules

- Fundamentals of Mathematics,
 - Properties of Numbers (commutative, associative and Distributive)
 - Algebra and Quadratic Equations
 - Linear inequalities.
 - Geometry and its properties.
 - Introduction to Trigonometry
 - Introduction to Coordinate geometry
 - Determinants and Matrices
-



Course Outcome :

The outcome of the course on **Hands on to Mathematical Skills** was that the students could attain the fundamental knowledge and the practical experience needed to develop essential skills in mathematics. Students learned the mathematical concepts and techniques with the real world problems and academic pursuits.



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Circular

Date: 18/10/2022

All the students of First year Students are hereby informed that we are planning to conduct **A certificate course on “Hands on to Mathematical Skills”** daily for one hour from **19/10/2022 to 30/11/2022**. No fee will be charged for the course. **Dr. S.S. Bishoyi, Associate Professor, CCET**. will be the resource person. Students willing to participate should register your names to Class In charge at the earliest

First Year Incharge

Criterion 6

QIM 6.5.1 IQAC Initiatives

**List of Students :-**

Roll No.	Name of Student	Branch
1	ANISHA KUMARI	COMP.SC.
2	DHEERAJ SONI	COMP.SC.
3	DIKSHA SONI	COMP.SC.
4	DURGA JYOTI YADAV	COMP.SC.
5	KUNAL DEVDAS	COMP.SC.
6	MAYANK	COMP.SC.
7	NAFIYA KHAN	COMP.SC.
8	NAMRATA KUMARI	COMP.SC.
9	NEELKANTH	COMP.SC.
10	OMKAR	COMP.SC.
11	TANNU MAJUMDAR	COMP.SC.
12	VISHAL YADAV	COMP.SC.
13	ASHISH SONI	E&TC
14	HARSH TARONE	E&TC
15	KOMAL PRASAD	E&TC
16	NIHAL SHARMA	E&TC
17	ASHWANI KUMAR	EE
18	SAGAR YADAV	MECH.

Criterion 6**QIM 6.5.1 IQAC Initiatives**



Attendance Sheet

ATTENDANCE SHEET - SS BISHOVI 19/10/2022 TO 30/11/2022 HANDS ON TO MATHEMATICAL SKILLS

Roll No.	Name of Student	Branch	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	SIGNATURE
			19/10	20/10	21/10	25/10	26/10	27/10	28/10	11/2	2/11	3/11	4/11	7/11	8/11	10/11	15/11	16/11	17/11	18/11	21/11	22/11	23/11	24/11	25/11	28/11	28/11	29/11	29/11	30/11	30/11		
1	ANISHA KUMARI	CSE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Anisha
2	DHEERAJ SONI	CSE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	Dheeraj
3	DIKSHA SONI	CSE	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Diksha
4	DURGA JYOTI YADAV	CSE	P	P	P	P	P	P	P	P	A	P	P	P	P	A	A	P	P	P	P	A	A	P	P	P	A	P	P	P	P	P	Durga
5	KUNAL DEVDAAS	CSE	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Kunal
6	MAYANK	CSE	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	Mayank
7	NAFIYA KHAN	CSE	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	Nafiya
8	NAMRATA KUMARI	CSE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Namrata
9	NEELKANTH	CSE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	Neelkanth
10	OMKAR	CSE	A	P	P	A	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	Omkar
11	TANNU MAJUMDAR	CSE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	Tannu
12	VISHAL YADAV	CSE	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Vishal
13	ASHISH SONI	CSE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	Ashish
14	HARSH TARONE	CSE	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	A	P	P	P	A	A	P	A	P	P	A	P	P	P	Harsh
15	KOMAL PRASAD	CSE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	Komal
16	NIHAL SHARMA	CSE	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	Nihal
17	ASHWANI KUMAR	CSE	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Ashwani
18	SAGAR YADAV	CSE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Sagar

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Criterion 6

QIM 6.5.1 IQAC Initiatives



Report on “A Certificate Course on “Hands on to Mathematical Skills”

A certificate course on “Hands on to Mathematical Skills” daily for one hour from 19/10/2022 to 30/11/2022 daily one hour for 30 days in Room Number B-104 ground floor B block Building. **Dr. S.S. Bishoyi, Associate Professor, CCET** was the resource person. A total of 18 students enrolled them for the course and participated in the program.

The main objective of the course was to provide students with a deep understanding of the mathematical skills in the field of science, technology, engineering and mathematics. The courses helped in addressing the common challenges and misconceptions that students face when learning Maths. After attending the course they will be equipped with the concepts in mathematics and learn the skills in solving the problems.



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Photographs

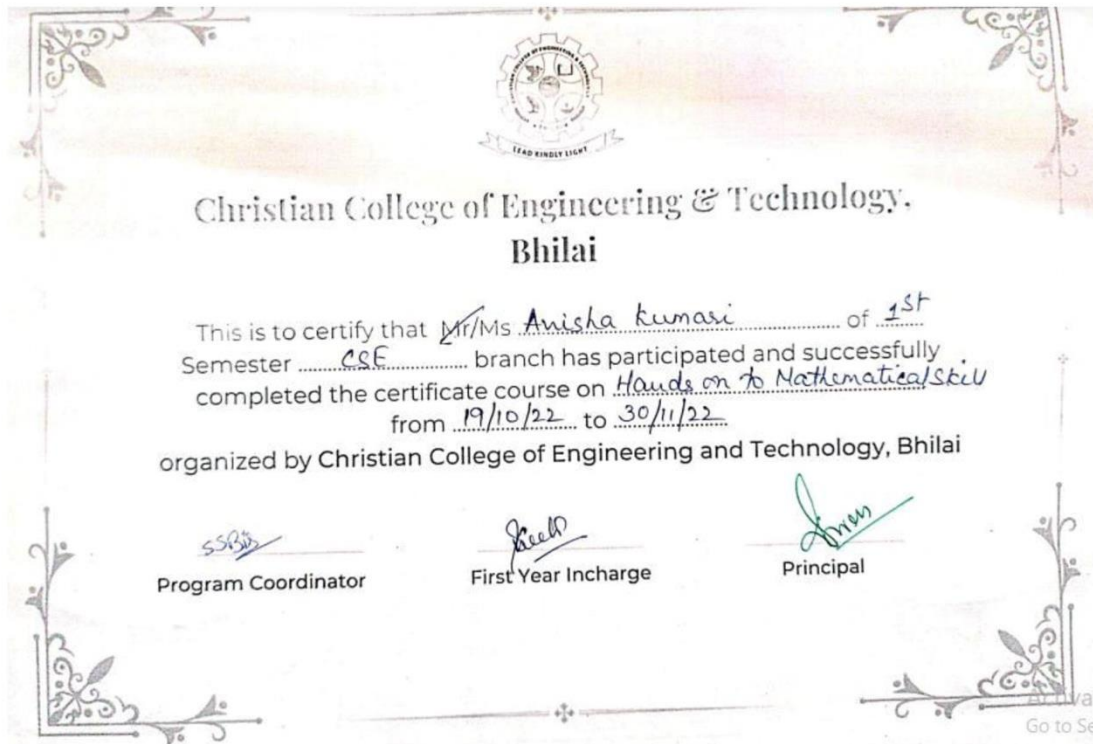


Criterion 6

QIM 6.5.1 IQAC Initiatives



Sample Certificates



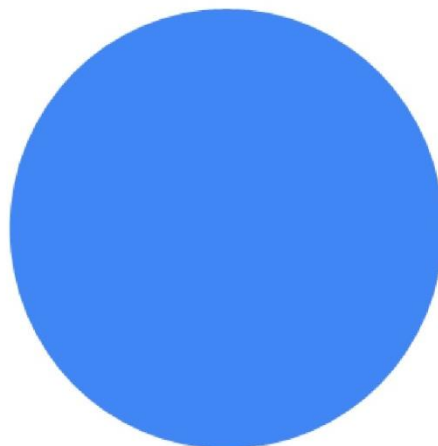
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QIM 6.5.1 IQAC Initiatives



FEEDBACK

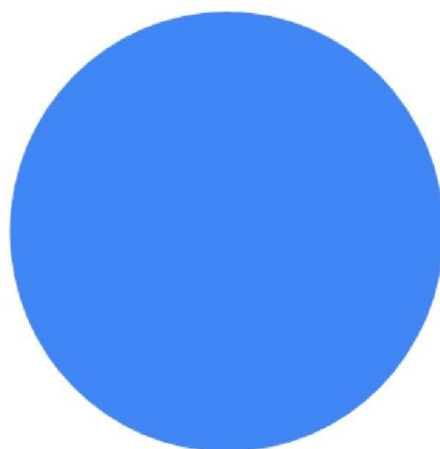
1. Were objectives of the sessions clear to you? *



■ YES

■ No

2. The session exposed you to new knowledge and practices.

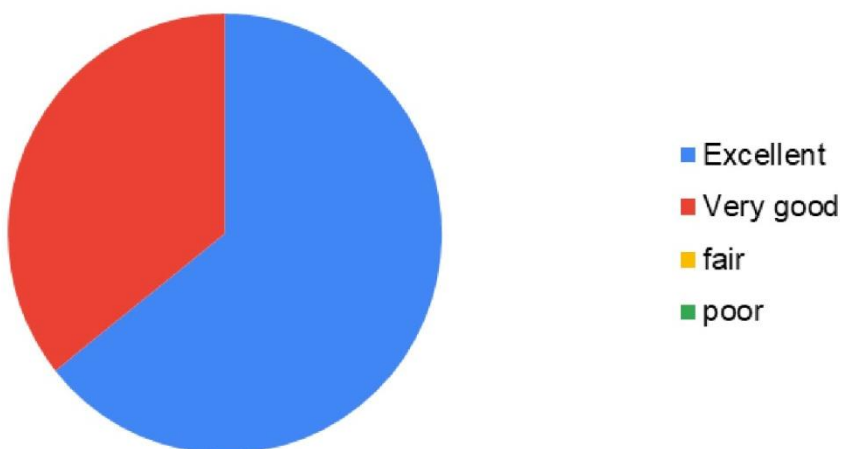


■ Strongly Agree

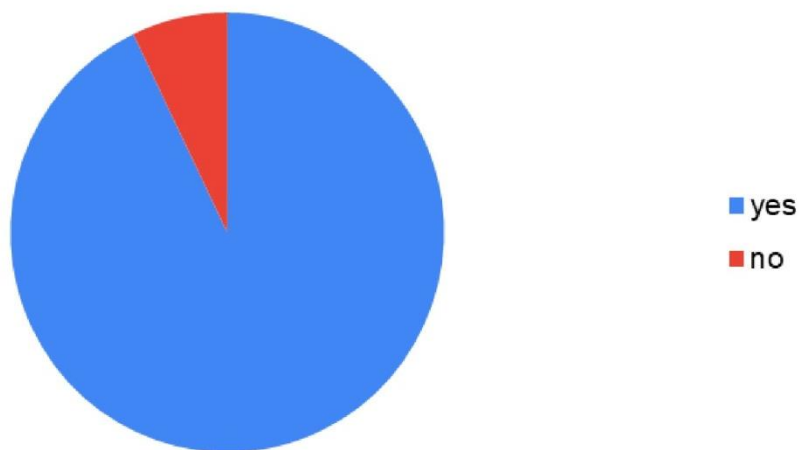
■ disagree



3 Time management by session speaker



4. Communication Skill of Speaker .





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LIST OF TRAINING PROGRAM FOR NON TEACHING STAFF **WITH SAMPLE REPORT**

Criterion 6

QIM 6.5.1 IQAC Initiatives



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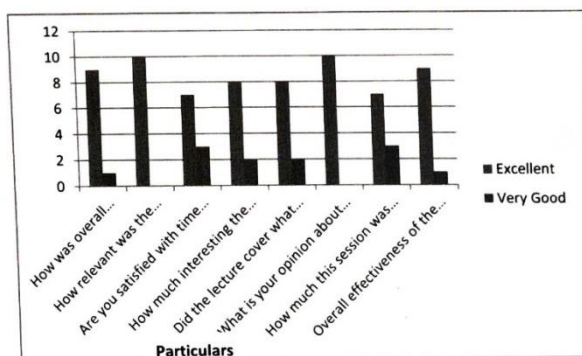
Analysis of feedback for Short term Training Program on "NAAC Accreditation Process"

Academic year : 2022-23

No. of participants: 10

S.N.	Particular	Excellent (5 marks)	Very Good (3 marks)	Good (2 marks)	Poor (1 mark)	% Feedback
1	How was overall arrangements of event?	9	1			96
2	How relevant was the content deliver by the speaker?	10				100
3	Are you satisfied with time and venue?	7	3			88
4	How much interesting the session was for you?	8	2			92
5	Did the lecture cover what you were expecting?	8	2			92
6	What is your opinion about the speaker?	10				100
7	How much this session was useful from the knowledge and information point of view?	7	3			88
8	Overall effectiveness of the lecture?	9	1			96

Participants response





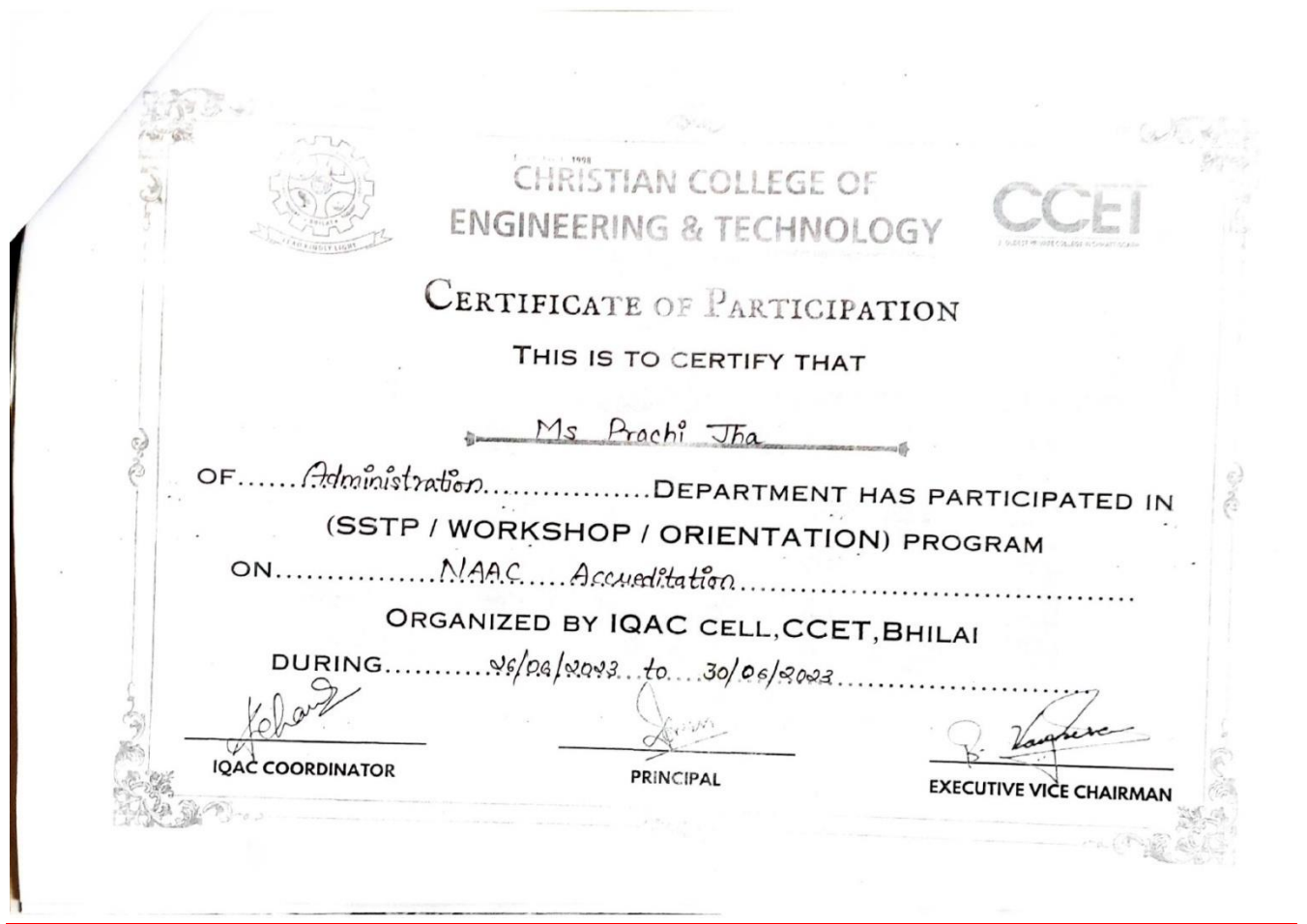
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CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Dr. Sudha Singh

OF Library DEPARTMENT HAS PARTICIPATED IN
(SSTP / WORKSHOP / ORIENTATION) PROGRAM
ON NAAC Accreditation Process

ORGANIZED BY IQAC CELL, CCET, BHILAI

DURING 26/06/2023 to 30/06/2023

[Signature]
IQAC COORDINATOR

[Signature]
PRINCIPAL

[Signature]
EXECUTIVE VICE CHAIRMAN

Criterion 6

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ENGINEERING & TECHNOLOGY



CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Mrs A Manjula

OF.....Administration.....DEPARTMENT HAS PARTICIPATED IN
(SSTP / WORKSHOP / ORIENTATION) PROGRAM

ON.....NAAC.....Accreditation.....Process.....

ORGANIZED BY IQAC CELL, CCET, BHILAI

DURING.....26/06/2023 to 30/06/2023.....

[Signature]
IQAC COORDINATOR

[Signature]
PRINCIPAL

[Signature]
EXECUTIVE VICE CHAIRMAN

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their eagerness
program. They

LOG

Short term training Program on NAAC Accreditation Process

Date: 26/06/2023 to 30/06/2023

Time: 2:00 p.m. - 4:00 p.m. everyday

Venue: B-block Auditorium

Attendance Sheet:

S.N.	Name	26/06/2023	27/06/2023	28/06/2023	29/06/2023	30/06/2023
1	Mr. Ghanshyam Sharma	Ghanshyam	Ghanshyam	Ghanshyam	Ghanshyam	Ghanshyam
2	Mr. R.Bobby	R.Bobby	R.Bobby	R.Bobby	R.Bobby	R.Bobby
3	Mrs. Minimol.V	Minimol.V	Minimol.V	Minimol.V	Minimol.V	Minimol.V
4	Mr A D Vincent	AD Vincent	AD Vincent	AD Vincent	AD Vincent	AD Vincent
5	Mrs A Manjula	A Manjula	A Manjula	A Manjula	A Manjula	A Manjula
6	Ms. Bini Alexander	Bini Alexander	Bini Alexander	Bini Alexander	Bini Alexander	Bini Alexander
7	Mr. A.J. Jose	A.J. Jose	A.J. Jose	A.J. Jose	A.J. Jose	A.J. Jose
8	Dr. Sudha Singh	Sudha Singh	Sudha Singh	Sudha Singh	Sudha Singh	Sudha Singh
9	Sister Ludia	Ludia	Ludia	Ludia	Ludia	Ludia
10	Ms Prachi Jha	Prachi Jha	Prachi Jha	Prachi Jha	Prachi Jha	Prachi Jha



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Dated: 04/07/2023

Report on short term Training Program on NAAC Accreditation Process for Non-Teaching Staff

Short term Training Program on the "NAAC Accreditation Process" was conducted successfully from 26/06/2023 to 30/06/2023 and was specifically designed to equip our non-teaching staff with a comprehensive understanding of the NAAC accreditation process and their roles within it.

Objective :

The primary objective of the training program was to educate our non-teaching staff about the NAAC accreditation process and their vital roles in contributing to our institution's accreditation efforts.

Training Content:

The program covered a wide range of topics related to the NAAC accreditation process, including:

- Introduction to NAAC and Accreditation Process
- Understanding the Criteria and Metrics
- Documentation and Data Collection
- Quality Assurance and Improvement Strategies
- Preparing for NAAC Assessment Visits
- Role of Non-Teaching Staff in the Accreditation Process

Each day was dedicated to a specific aspect of the accreditation process, with a combination of theoretical sessions, interactive workshops, and group discussions.

Trainer Feedback:

The trainer, Dr. Shrikant Burje received high praise from participants. Their in-depth knowledge of the NAAC process and their ability to make complex concepts understandable were commendable. Participants appreciated the trainer's patience and willingness to answer questions.



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Program Highlights:

Day 1:-

- Introduction to NAAC and Accreditation Process
- Role of Non-Teaching Staff in the Accreditation Process

Day 2:-

- Understanding the Criteria and Metrics

Day 3:-

- Documentation and Data Collection
- Quality Assurance and Improvement Strategies

Day 4:-

- Preparing for NAAC Assessment Visits

Day 5:-

- Interactive Workshops and Group Discussions



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Ref: CCET/Admin/2023/135(b)

Dated: 21/06/2023

NOTICE

To: All Non-Teaching Staff

Sub: Short term Training Program on NAAC Accreditation Process

We would like to inform you that a short term Training Program on the "NAAC Accreditation Process" is planned for our esteemed non-teaching staff. The National Assessment and Accreditation Council (NAAC) accreditation is a crucial aspect of our institution's quality assurance and continuous improvement efforts. This program aims to provide you with the knowledge and insights necessary to actively contribute to this important process.

Training Program Details:

Date: 26/06/2023 to 30/06/2023

Time: 2:00 p.m. to 4:00 p.m. every day

Venue: B-block Auditorium

Trainer: Dr. Srikant Burje, NAAC Coordinator

NAAC accreditation reflects the quality and excellence of our institution. Your active participation in this training program will empower you to contribute effectively to the accreditation process, ensuring that our institution meets and exceeds the required standards.

We strongly encourage all non-teaching staff members to take advantage of this unique opportunity to deepen your understanding of the NAAC accreditation process.


IQAC Coordinator


Principal

Copy to:

- * Honorable Chairman
- * Bursar

- * Executive Vice Chairman
- * HOD (Mech./CSE/Elect./Electro. & Tel.) & 1st Yr. I/c



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CCET

Short Term Training Program on **NAAC Accreditation Process**

Date-
26/06/2023 to 30/06/2023

Time- 2:00PM to 4:00PM

Speaker
Dr. Shrikant Burje
NAAC Coordinator,
CCET, Bhilai

venue
B-Block Auditorium,
Christian College of Engineering & Technology
Kailash Nagar, Industrial Estate, MP Housing Board,
Bhilai 490026, India

Criterion 6

QIM 6.5.1 IQAC Initiatives



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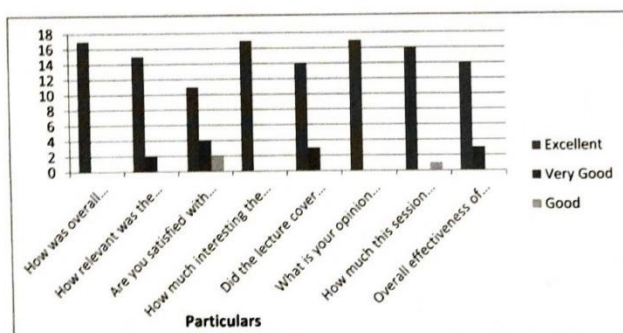
Analysis of feedback for Five Days Orientation Program on Laboratory Ethics and Stock Register Maintenance

Academic year : 2018-19

No. of participants: 17

S.N.	Particular	Excellent (5 marks)	Very Good (3 marks)	Good (2 marks)	Poor (1 mark)	% Feedback
1	How was overall arrangements of event?	17				100
2	How relevant was the content deliver by the speaker?	15	2			95.29
3	Are you satisfied with time and venue?	11	4	2		83.53
4	How much interesting the session was for you?	17				100
5	Did the lecture cover what you were expecting?	14	3			92.94
6	What is your opinion about the speaker?	17				100
7	How much this session was useful from the knowledge and information point of view?	16		1		96.47
8	Overall effectiveness of the lecture?	14	3			92.94

Participants response





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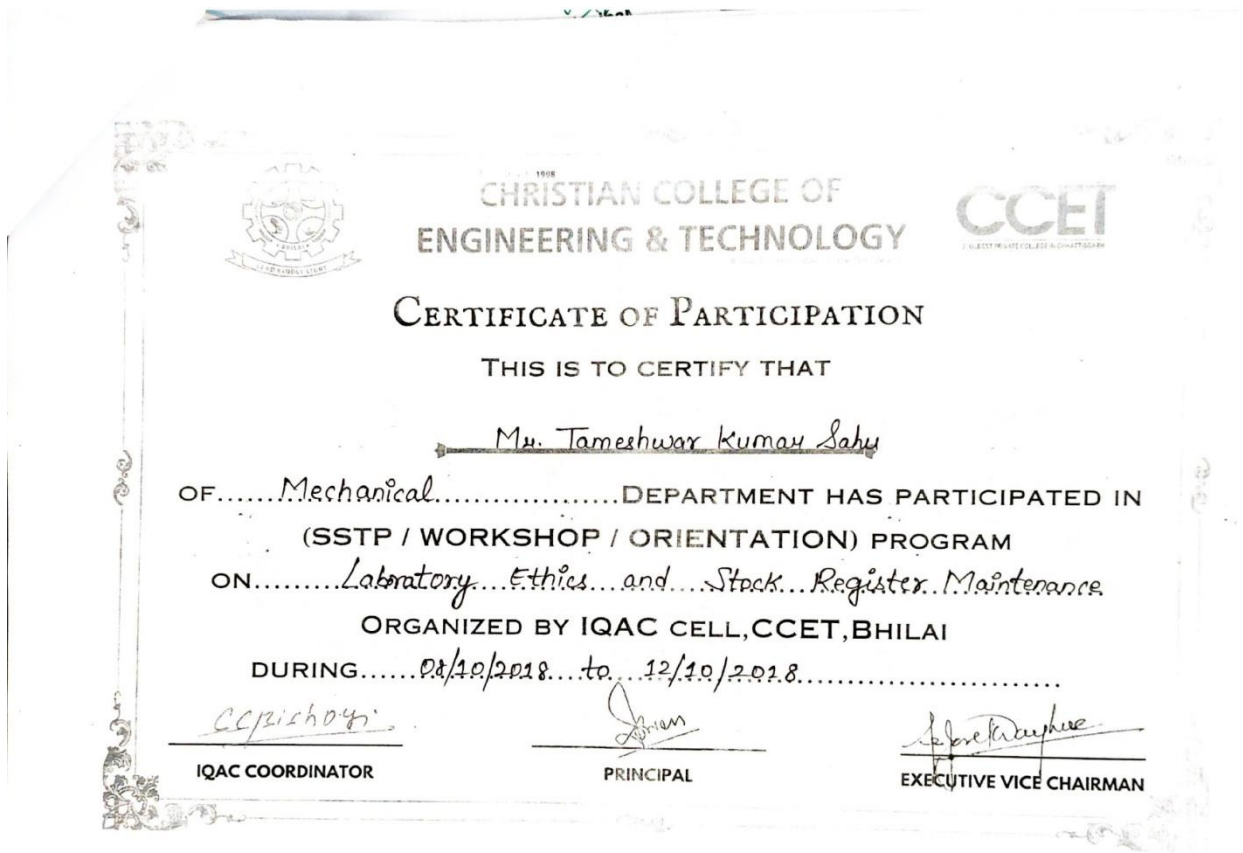
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Five Days Orientation Program on Laboratory Ethics and Stock Register Maintenance

Date: 08/10/2018 to 12/10/2018
Time: 2:00 p.m. to 4:00 p.m. everyday
Venue: B-block Auditorium

Attendance sheet:

Sl.No.	Name	8/10/2018	9/10/2018	10/10/2018	11/10/2018	12/10/2018
1	Mr. R.Bobby	R.Bobby	R.Bobby	R.Bobby	R.Bobby	R.Bobby
2	Mr. Ghanshyam Sharma	Ghanshyam	Ghanshyam	Ghanshyam	Ghanshyam	Ghanshyam
3	Mr. Hemendra Kumar Sahu	Hemendra	Hemendra	Hemendra	Hemendra	Hemendra
4	Mr. Neju K Prince	Neju	Neju	Neju	Neju	Neju
5	Mr. Jaynath	Jaynath	Jaynath	Jaynath	Jaynath	Jaynath
6	Mrs R Lata	Lata	Lata	Lata	Lata	Lata
7	Mr. Sajjoo	Sajjoo	Sajjoo	Sajjoo	Sajjoo	Sajjoo
8	Mr. Sudesh Kumar Pote	Sudesh	Sudesh	Sudesh	Sudesh	Sudesh
9	Mr. Tameshwar Kumar Sahu	Tameshwar	Tameshwar	Tameshwar	Tameshwar	Tameshwar
10	Mr. Mahendra Kumar Burra	Mahendra	Mahendra	Mahendra	Mahendra	Mahendra
11	Mr. Ram Kishore Sharma	Ram Kishore	Ram Kishore	Ram Kishore	Ram Kishore	Ram Kishore
12	Mr. M.N. Cherian	M.N. Cherian	M.N. Cherian	M.N. Cherian	M.N. Cherian	M.N. Cherian
13	Mr. Chandrika Prasad V.	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika
14	Mr. Narendra Ramteke	Narendra	Narendra	Narendra	Narendra	Narendra
15	Mrs. Minimol.V	Minimol	Minimol	Minimol	Minimol	Minimol
16	Mr. Ajay Gardia	Ajay	Ajay	Ajay	Ajay	Ajay
17	Ms K Reena	Reena	Reena	Reena	Reena	Reena



CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY, Kailash Nagar, Bhilai

Report on Five-Days Orientation Program on Laboratory Ethics and Stock Register Maintenance

Five-days Orientation Program on "Laboratory Ethics and Stock Register Maintenance," conducted successfully from 08/10/2018 to 12/10/2018. This program was organized by IQAC cell of CCET and aimed at providing laboratory personnel with essential knowledge and skills in the areas of laboratory ethics and stock register maintenance.

Objectives of the Orientation Program:

The Orientation Program had the following primary objectives:

- To instill a strong understanding of laboratory ethics and the importance of adhering to ethical principles within a laboratory setting.
- To equip participants with the necessary skills to maintain accurate and up-to-date stock registers, ensuring efficient inventory management.

Training Schedule:

The program was structured as follows:

Day 1: Introduction to Laboratory Ethics and Ethical Conduct

- * Introduction to the program and participants.
- * Defining laboratory ethics.
- * Discussion on ethical principles and safety protocols in the laboratory.

Day 2: Data Integrity and Record-Keeping

- * Importance of data integrity in laboratory work.
- * Demonstrations and hands-on exercises in proper record-keeping.

Day 3: Stock Register Maintenance - Importance and Best Practices

- * The role of stock registers in laboratory management.
- * Detailed exploration of stock register components and their significance.

Day 4: Practical Application of Stock Register Maintenance

- * Hands-on practice: Participants were provided with sample stock registers to maintain and update.



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Kailash Nagar, Bhilai**

Program Objectives:

Laboratory Ethics: Learn and understand the principles of laboratory ethics, including honesty, integrity, confidentiality, and responsible conduct in research.

Stock Register Maintenance: Gain hands-on experience in maintaining accurate and up-to-date stock registers for laboratory equipment and supplies.

Safety Protocols: Familiarize yourself with safety protocols and best practices in laboratory settings.

Agenda:

- **Day 1: Introduction to Laboratory Ethics**
 - * Understanding ethical responsibilities
 - * Case studies on ethical dilemmas
- **Day 2: Stock Register Basics**
 - * Importance of stock registers
 - * Types of inventory systems
- **Day 3: Practical Stock Register Maintenance**
 - * Recording equipment and supply details
 - * Regular updating and auditing
- **Day 4: Laboratory Safety**
 - * Reviewing safety guidelines
 - * Emergency procedures and first aid
- **Day 5: Ethical Decision-Making and Program Conclusion**
 - * Group discussions on ethical decision-making
 - * Q&A session and program evaluation



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Ref. No/CCET/Admin/2018/1113(b)

Date: 03.10.2018

NOTICE

To: All Technical Staff

Sub: : Five Days Orientation Program on Laboratory Ethics and Stock Register Maintenance

We are pleased to announce a comprehensive Five Days Orientation Program on Laboratory Ethics and the proper maintenance of stock registers for each laboratory within our organization. This program is designed to enhance our commitment to excellence, safety, and responsible research practices.

Program Details:

Date: **08/10/2018 to 12/10/2018**

Time: **2:00 p.m. to 4:00 p.m. everyday**

Venue: **B-block Auditorium**

We encourage your active participation and engagement throughout this program, as it will contribute to our collective growth and ensure the highest standards in our laboratory operations.

Attendance is mandatory for all technical staff members. If you are unable to attend due to unforeseen circumstances, please notify in Principal Office.

We look forward to your enthusiastic participation in this Orientation Program, which will play a crucial role in fostering ethical practices and efficient stock management within our laboratories. All staff members are requested to occupy their seats by 1:50 p.m.

S. S. Choudhary

IQAC Coordinator

[Signature]
3/10/2018
Principal

Copy to:

* Honorable Chairman

* HOD (Mech /CSE/Elect./Electro & Tel.) & 1st Year I/c

* Executive Vice Chairman

* Administrative Office

* Bursar



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CCET

Five Days Orientation Program on

Laboratory Ethics and Stock Register Maintenance

Dates

08/10/2018 to 12/10/2018

Time- 2:00PM to 4:00PM

venue

B-Block Auditorium,

Christian College of Engineering & Technology

Kailash Nagar, Industrial Estate, MP Housing Board,

Bhilai 490026, India

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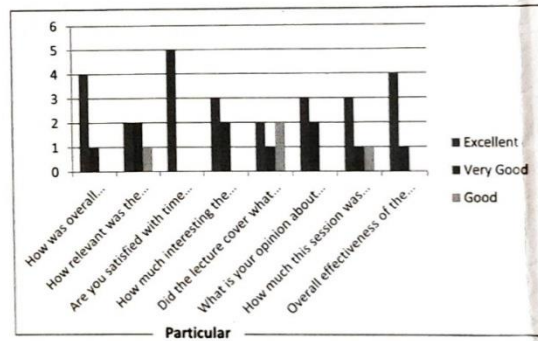
Analysis of feedback for Five-Days Training Program on "Basics of AutoCAD Software" for Technical Staff

Academic year : 2019-20

No. of participants: 5

S.N.	Particular	Excellent (5 marks)	Very Good (3 marks)	Good (2 marks)	Poor (1 mark)	% Feedback
1	How was overall arrangements of event?	4	1			92
2	How relevant was the content deliver by the speaker?	2	2	1		72
3	Are you satisfied with time and venue?	5				100
4	How much interesting the session was for you?	3	2			84
5	Did the lecture cover what you were expecting?	2	1	2		68
6	What is your opinion about the speaker?	3	2			84
7	How much this session was useful from the knowledge and information point of view?	3	1	1		80
8	Overall effectiveness of the lecture?	4	1			92

Participants response





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CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Mu. Ghanshyam Shauma

OF.....Electrical.....DEPARTMENT HAS PARTICIPATED IN
(SSTP / WORKSHOP / ORIENTATION) PROGRAM
ON.....Basics of AutoCAD Software.....

ORGANIZED BY IQAC CELL, CCET, BHILAI

DURING....24/02/2020.... to28/02/2020.....

C. Prishoyi

IQAC COORDINATOR

[Signature]

PRINCIPAL

[Signature]

EXECUTIVE VICE CHAIRMAN

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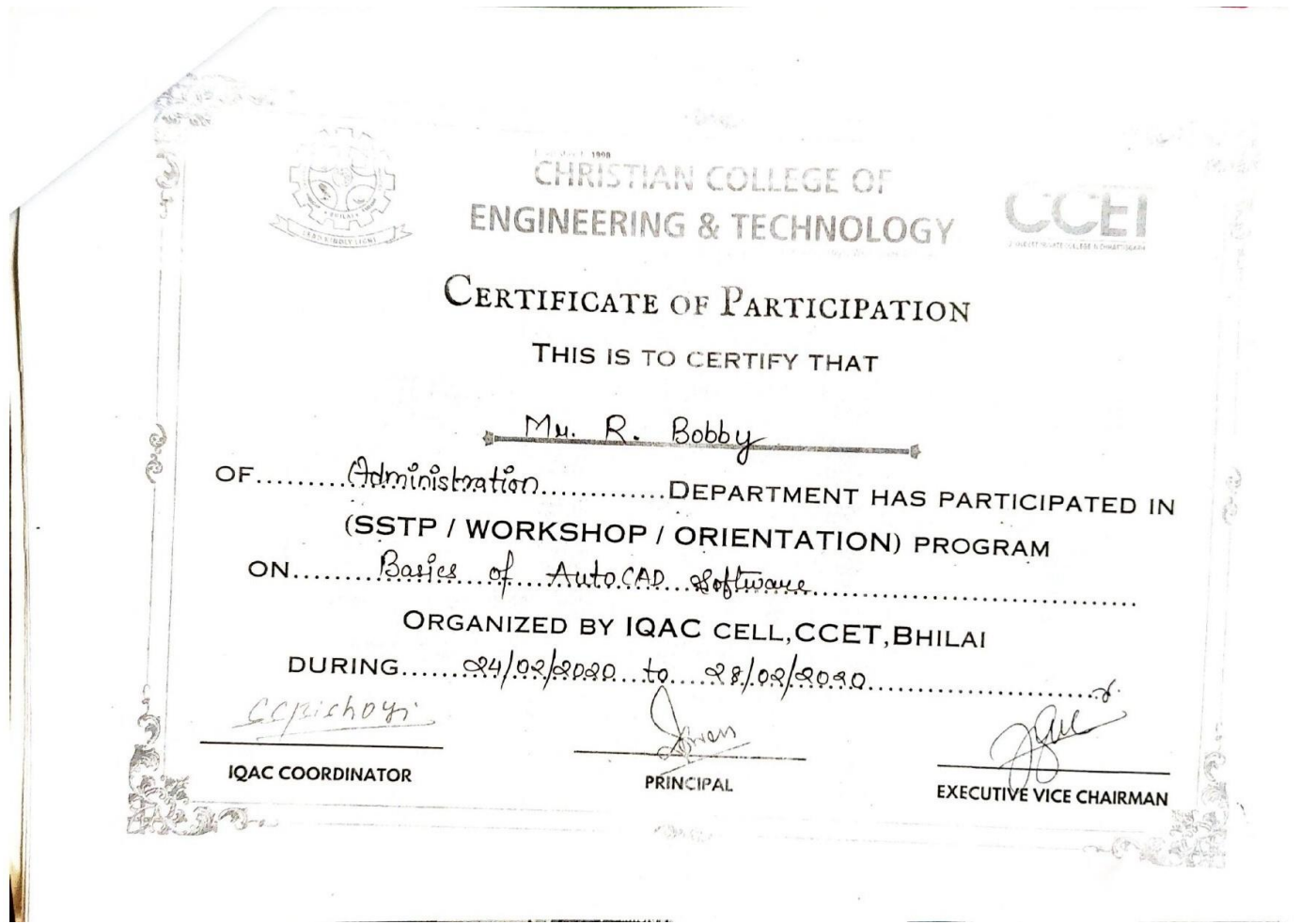
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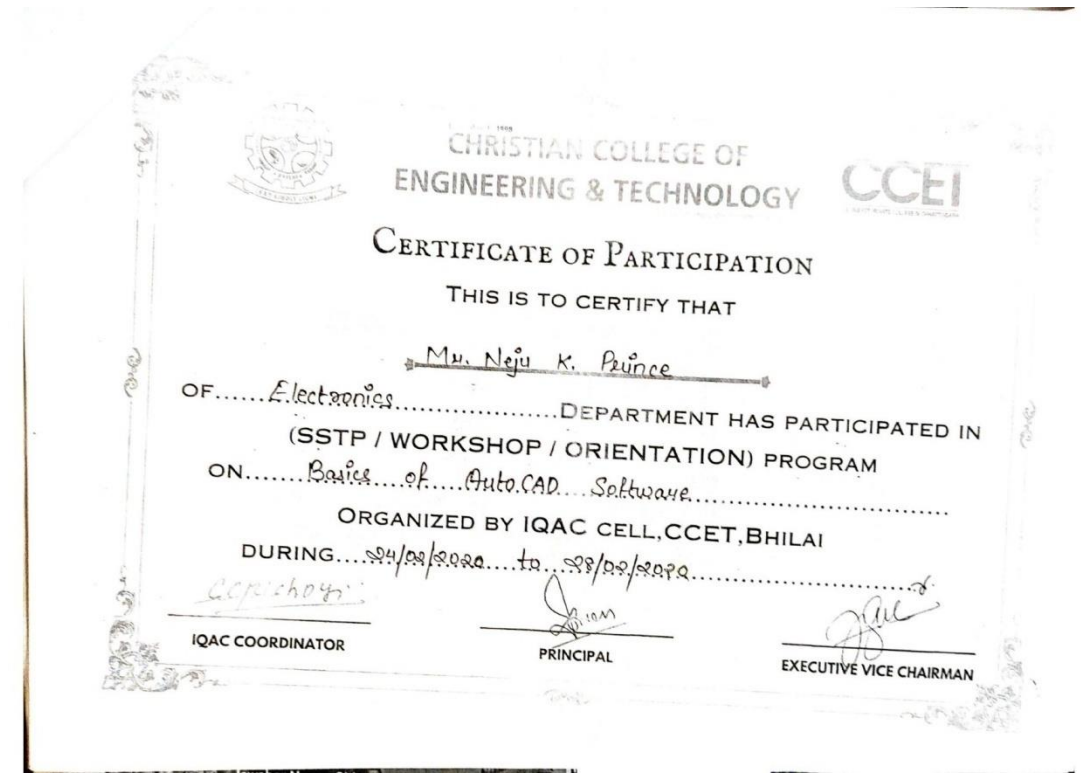
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ed participants

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Five-Days Training Program on "Basics of AutoCAD Software"

Date: 24/02/2020 to 28/02/2020
Time: 2:00 p.m. to 4:00 p.m. everyday
Venue: B-block CAD/CAM lab

Attendance sheet:

Sl.No.	Name	24/02/2020	25/02/2020	26/02/2020	27/02/2020	28/02/2020
1	Mr. R. Bobby	R.B.	R.B.	R.B.	R.B.	R.B.
2	Mr. Ghanshyam Sharma	Ghanshyam	Ghanshyam	Ghanshyam	Ghanshyam	Ghanshyam
3	Mr. Neju K Prince	Neju	Neju	Neju	Neju	Neju
4	Mr. Sajjoo	Sajjoo	Sajjoo	Sajjoo	Sajjoo	Sajjoo
5	Mrs. Minamol.V	Minamol	Minamol	Minamol	Minamol	Minamol



**CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY,
Kailash Nagar, Bhilai**

Date: 03/03/2020

Report on Five-Day Training on "Basics of AutoCAD Software"

The training program on the "Basics of AutoCAD Software" was conducted from 24th Feb to 28th Feb and was organized by IQAC cell of CCET.

Objectives of the Training:

The primary objectives of the training program were to familiarize participants with the fundamental concepts of AutoCAD software, enable them to create basic 2D and 3D drawings, and teach efficient drafting techniques.

Training Schedule:

The training program was structured as follows:

Day 1: Introduction to AutoCAD, User Interface, and Basic Drawing Tools.

Day 2: Drawing and Editing Commands, Layers, and Object Properties.

Day 3: Annotations and Text, Dimensioning, and Hatching.

Day 4: 3D Modeling Fundamentals and Creating 3D Objects.

Day 5: Viewing 3D Models, Rendering, and Exporting.

The training was conducted by Dr. P.S Rao, Professor in Mechanical Engg. who provided detailed explanations and hands-on practice. The course material, including lecture slides, exercises, and reference guides, was comprehensive and well-structured.

Hands-On Practice:

A significant portion of the training involved hands-on practice. Participants were able to apply what they learned immediately through various practical exercises, which enhanced their understanding of the software.

Learning Outcomes:

At the conclusion of the training, participants achieved the following outcomes:

- Proficiency in using AutoCAD's user interface and basic drawing tools.
- Competence in creating 2D drawings, editing objects, and managing layers.



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Training Program Objectives:

During this training program, you will:

- Learn the basics of AutoCAD, including its user interface and essential tools.
- Gain proficiency in creating 2D drawings and designs.
- Understand the principles of drawing precision and accuracy.
- Explore best practices for dimensioning and annotating drawings.
- Master the art of editing and modifying drawings efficiently.
- Become proficient in organizing and managing drawing files.



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Kailash Nagar, Bhilai**

Ref. No/CCET/Admin/2020/

Date: 12.02.2020

NOTICE

To: All Technical Staff

Sub: Five-Days Training Program on "Basics of AutoCAD Software"

We are excited to announce a five-days training program that will focus on the fundamentals of AutoCAD software. This program is designed to provide our technical staff with essential skills and knowledge for using AutoCAD effectively in our laboratory work/projects.

Training Program Details:

Dates: **24/02/2020 to 28/02/2020**

Time: **2:00 p.m. to 4:00 p.m. everyday**

Location: **B-block CAD/CAM Lab**

Instructor: **Dr. P.S Rao, Professor, Mechanical Engg.**

This training program is open to all technical staff members who wish to improve their AutoCAD skills or gain a solid foundation in using the software. Whether you are a beginner or have some experience with AutoCAD, this program is tailored to your needs.

We believe that this training program is an excellent opportunity to enhance your skills and boost your productivity in using AutoCAD, a fundamental tool in our field. We encourage all eligible technical staff to participate and take advantage of this valuable learning opportunity.

We look forward to your active participation and the positive impact this training program will have on our work.

IQAC Coordinator

Principal

Copy to:

* Honorable Chairman
* HOD (Mech./CSE/Elect./Electro. & Tel.) & 1st Year I/c

* Executive Vice Chairman
* Administrative Office

* Bursar



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CCET

Five-Days Training Program

on

"Basics of AutoCAD Software"

for All Technical Staff

Dates

24/02/2020 to 28/02/2020

Time- 2:00PM to 4:00PM

Instructor

Dr. P.S Rao

Professor, Mechanical Engg.

CCET, Bhilai

Venue

B-block CAD/CAM Lab

CCET, Bhilai

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GUEST LECTURES

REPORT

OF

Invited Talk

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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



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**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



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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.
- 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.

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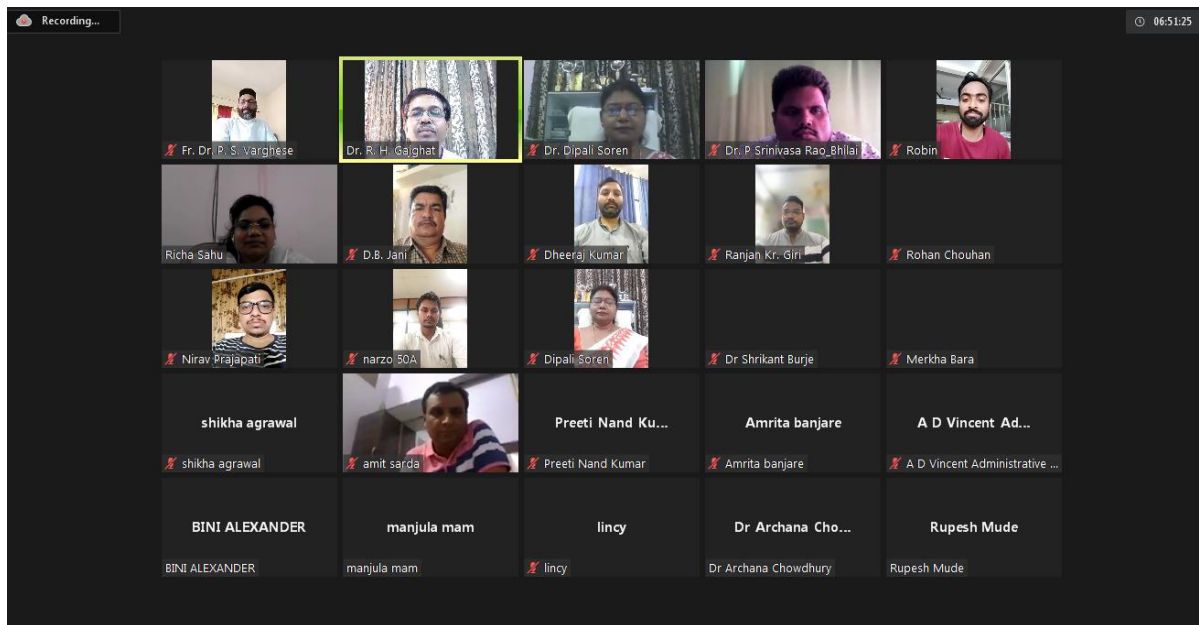
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Screen Shot



REPORT

OF

Invited Talk

on

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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



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National
Digital Library
of India

Christian College of Engineering
& Technology, Bhilai



Date: 27/02/2023

Time: 3 PM

National Digital Library of India

Organize a Session

On

An Overview of Intellectual Property Rights



Speaker

Mr. R K Rathore

Assistant Professor

RCET, Bhilai

click on the following link to join the event:

<https://meet.google.com/vgg-avba-ogj>

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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

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Ram Krishna Rathore is presenting

ORGANIZATION STRUCTURE

- Ministry of Commerce & Industry
Dept. Of Industrial Policy & Promotion
- Controller General of Patents, Designs & Trade Marks
 - Patent & Design Office
 - Kolkata
 - Delhi
 - Mumbai
 - Chennai
 - Trade Marks Registry
 - Mumbai
 - Kolkata
 - Delhi
 - Chennai
 - Geographical Indications Registry
 - Chennai
 - Patent Information System
 - RGNIIPM
 - NAGPUR

3:09 PM | vgg-avba-ogj

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

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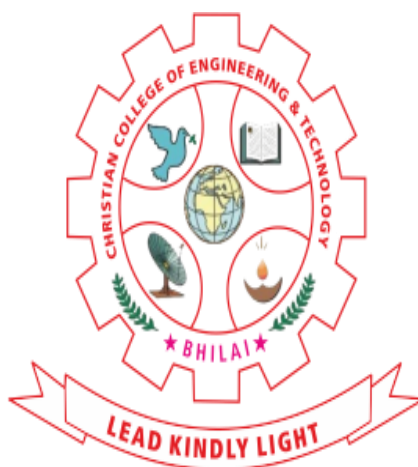
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A Webinar
On
How to Start a Start- UP
Date :**10/05/2023**
Venue :**CCET Campus Bhilai, C.G.**



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Report :

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

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

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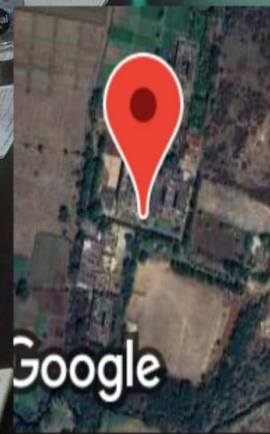
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 GPS Map Camera

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



Criterion 6

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



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



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



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

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VOCATIONAL TRAINING / INTERNSHIP BY STUDENTS

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 Office : 32, Shivnath Complex, G.E. Road Supela Bhilai - 490 023 (C.G.) India
 Phone : 091 - 0788 - 2290483 / 84 Fax : 091 - 0788 - 2285664
 E - mail : sclho@simplexcastings.com
 Visit us at : www.simplexcastings.com
 CIN : L27320MH1980PLC067469



Ref.No: SCL-1/HRD/TC/2022

Date:- 30/06/2022

TRAINING CERTIFICATE

This is to certify that Mr. **VIKKY KUMAR**, a Student of **CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY BHILAI (C.G)** has undergone his Summer Internship Program in our Organization **M/s. SIMPLEX CASTINGS LTD (BHILAI)** as partial fulfillment of his (4th Semester) B. Tech Mechanical Engineering from 01st June to 30th June 2022.

During this period of Summer Internship Program, we found his sincere and hard working.

We wish him all the success in his future endeavor.

For **SIMPLEX CASTINGS LIMITED**,



T. PURUSHOTHAM
 PRESIDENT - HR, LEGAL & CORP. AFFAIRS

REGD. OFF : 601/602A, FAIRLINK CENTRE, OFF ANDHERI LINK ROAD
 ANDHERI (WEST) MUMBAI, 400 063

NEW DELHI : 1503, MOOI CORP., 88, NEHRU PLACE 110 019

KOLKATA : 119, PARK STREET, WHITE HOUSE, KOLKATA - 700 016

CHENNAI : SHAKTI TOWER, 6th FLOOR, 'K' BLOCK, 768 MOUNT ROAD, 600 002

SP. Casting Div : URLA INDUSTRIAL ESTATE, RAIPUR - 483 221 (C.G.) INDIA

PHONE
 4003 4768

2641 4846, 2643 1347

6550 4505

2852 1914

2323805 / 483 / 6537383 / 84

FAX
 022 - 4003 4768

011 - 2646 6303

033 - 2249 3251

044 - 2852 2734

0771-422 1343

E - MAIL
 scmumbai@simplexcastings.com
 simplexm@airtelmail.in
 simplex 2@del2.vsnl.net.in
 sefwproj@simplexcastings.com
 sefwl.chennai@gems.vsnl.net.in
 sclurla@simplexcastings.com



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 Phone : 091- 0788 - 2283031 / 33 Fax 091-078802282032
 Email : sclbhila.@simplexcastings.co
 Phone : 091 -0788 • 2280483/84 Fax :091-0788-2285664
 E. mail : sclhogsimplexcastings.com
 Visit us at : www simplexcastings.com
 CIN : L27320MH1980PLC067459



Ref.No: SCL-i/HRD/TC/2022/C89


Date:-20/08/2022

TRAINING CERTIFICATE

This is to certify that. Mr. **Manohar Kumar** , a Student of CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY BHILAI (C.G) has undergone his Summer Internship Program in our Organization M/S. SIMPLEX CASTINGS. LTD. (Bhilai) a partial fulfilment of his Semester) B-Tech Mechanical Engineering from' 01st July to 01st August 2022.

During this period of Summer Internship Program, we found him sincere and hard working

We wish him all the success in his future endeavour.

FOR SIMPLEX CASTINGS, LIMITED

MANOJETA KETAN SHAI
 (Managing Director)

(* Design * Heavy Engineering * Casting * Technological Fabrication * Equipment & Spares * Turn Key Project)		PHONE	FAX	E-MAIL
OFFICE	ADDRESS	022-40034768		sclbmbhi@simplexcastings.com
Regd. Office	: 601502 A, FAIRLINK CENTER, OFF. ANDHERI LINK ROAD, ANDHERI (W) MUMBAI -53	08961045611	031-22493251	lol@simplexcastings.com
Kolkata	: 119, PARK STREET, WHITE HOUSE, 4th FLOOR, KOLKATA - 700 016 (W.B.) INDIA	9203901697	0788-2285664	sclbksara@simplexcastings.com
Rajmangalam (Plant)	: 223/2, 224, INDUSTRIAL ESTATE, TEDESARA, RAJMANDAGAN - 491441 (C.G) INDIA			



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 Phone : 091 - 0788 - 2290483 / 84 Fax : 091 - 0788 - 2285664
 E - mail : sclho@simplexcastings.com
 Visit us at : www.simplexcastings.com
 CIN : L27320MH1980PLC067459



Ref.No:SCL-1/HRD/TC/2022/C76

Date:-20/08/2022

TRAINING CERTIFICATE

*This is to certify that **Mr. RAJESH KUMAR SHRIVASTAVA**, a Student of **CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY BHILAI (C.G)** has undergone his Summer Internship Program in our Organization **M/S. SIMPLEX CASTINGS. LTD. (BHILAI)** a partial fulfillment of his (4th Semester) B-Tech Mechanical Engineering from 01st July to 01st August 2022.*

During this period of Summer Internship Program, we found him sincere and hard working

We wish him all the success in his future endeavor.

FOR SIMPLEX CASTINGS LIMITED,

SANGEETA KETAN SHAH
 (Managing Director)

(*Design *Heavy Engineering * Casting * Technological Fabrication * Equipment & Spares * Turn Key Project)

OFFICE	ADDRESS	PHONE	FAX	E-MAIL
Regd. Office	: 601/602 A, FAIRLINK CENTER, OFF. ANDHERI LINK ROAD, ANDHERI (W) MUMBAI -53	022-40034768		sclmumbai@simplexcastings.com
Kolkata	: 119, PARK STREET, WHITE HOUSE, 4th FLOOR KOLKATA - 700 016 (W.B.) INDIA	08961045611	033-22493251	kol@simplexcastings.com
Rajnandgaon (Plant)	: 223/2, 224, INDUSTRIAL ESTATE, TEDESARA, RAJNANDGAON - 491441 (C.G.) INDIA	9203901697	0788-2285664	scltedesara@simplexcastings.com



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KERALA STATE ROAD TRANSPORT CORPORATION

Office of the Works Manager,
Regional Workshop, Mavelikara – 690 101
Alappuzha (Dist.), Phone & Fax: 0479 – 230 2409
E-mail: keralartcrwm@gmail.com

No. G1- 1080 /22 / RW MVKA

30th July, 2022

CERTIFICATE

This is to certify that **Sri. Robin Roy**, a student of Mechanic Engineering Diploma Branch of Christian College of Engineering and Technology, Bhilai has undergone In-plant training successfully at the Regional Workshop of Kerala State Road Transport Corporation, Mavelikara from 19-07-2022 to 29-07-2022 (10 working days), as part of his course curriculum

During the training his work and conduct was good.



30/7/22
WORKS MANAGER



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Criterion 6

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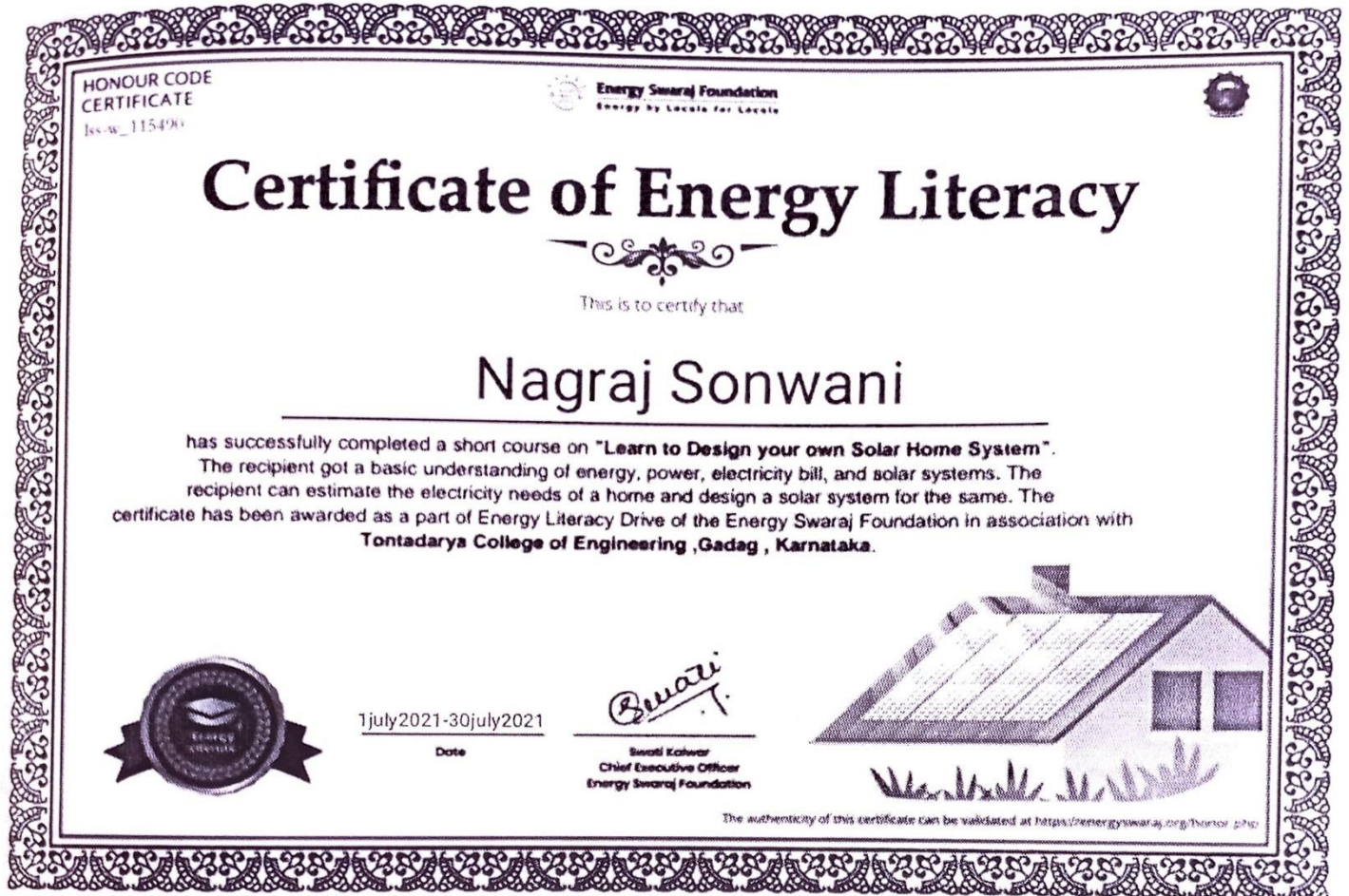
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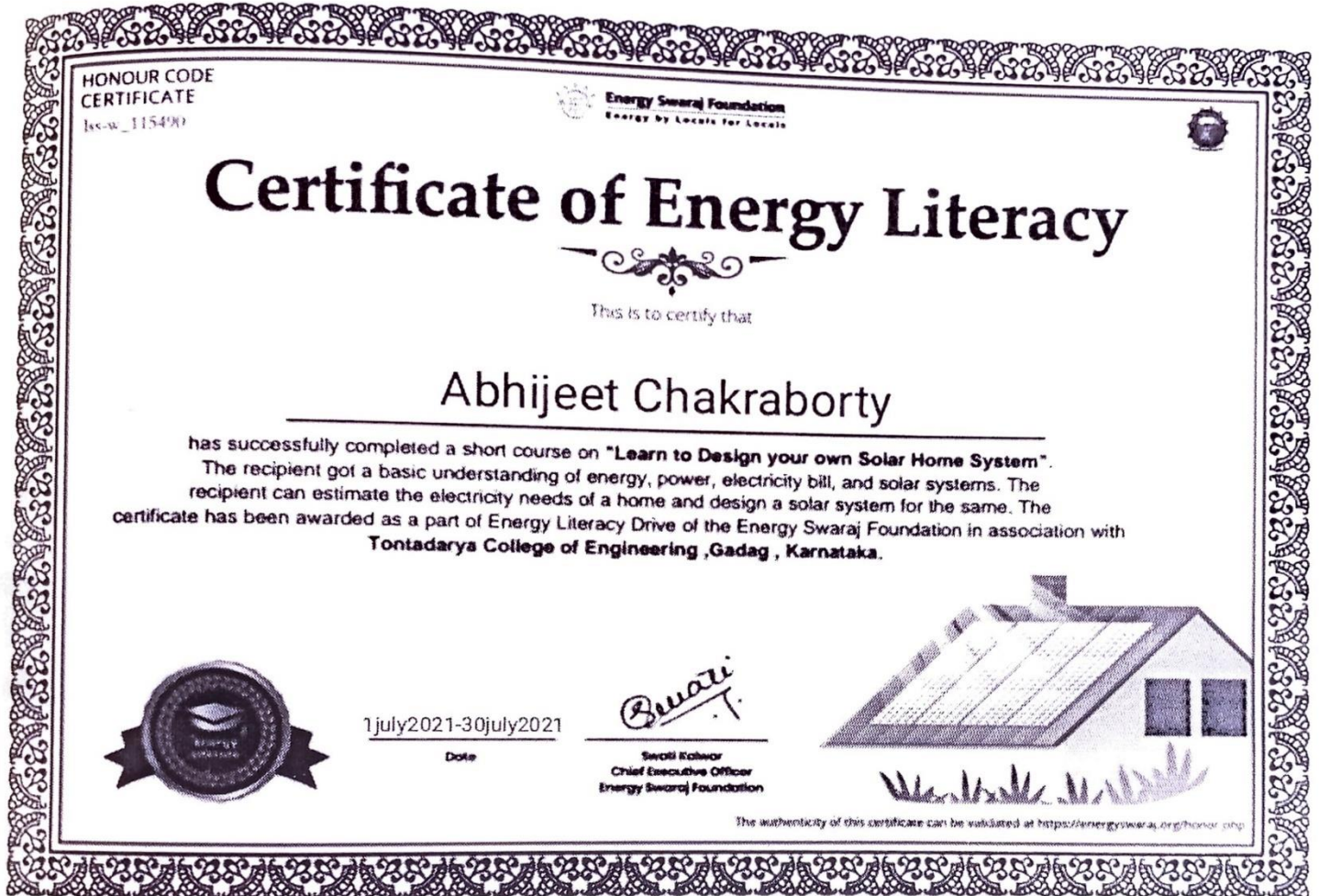
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Certificate

ATC CODE
Y650

AUTHORISED TRAINING CENTRE (ATC) NAME
WEBTECH SOLUTIONS, DURG



This is to certify that withinsigned

PREETI JANGADE

*has passed the prescribed examination with **A+** Grade (**86 % Marks**)
has been awarded the*

CERTIFICATE IN PHP AND MYSQL

(COURSE DURATION: 2 MONTHS)

designed and developed as per the standards of

All India Council for Professional Excellence

An ISO 9001:2015 Certified Organisation | Member of International Accreditation Organization
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Registered under Ministry of Corporate Affairs, Govt. of India

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This Copy is Equally Valid with the Original Signature of Head of The Institute with Seal of Institute

Certificate Number

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DATE OF ISSUE :05.02.2023

HEAD OF THE INSTITUTE (ATC)
Signature and Seal
of Authorised Training Centre



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Registration No. MATLAB-080222-005



Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bilhail
(Centre for Skill Development and Informal Education)

Online Training Certificate



This is to certify that

Stuti Das

D/O Mr. Obed Das

has successfully completed the

Online Training in *Problem Solving approach using MATLAB & Introduction to Simulink* organized from

21.09.2022 to 05.11.2022

with **A+** Grade.



Coordinator CSDIE
CSVTU, Bilhail (CG)

Registrar
CSVTU, Bilhail (CG)

Bilhail (C.G.), December, 2022

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Certificate

This is to certify that

SULTANA KHATUN

participated in Industrial Training conducted on

HTML, CSS, MYSQL, PHP, JAVA SCRIPT

from **20/06/2022** to **20/07/2022**


He/She has completed the training successfully.

He/She bears a good moral character to the best of my knowledge and belief.

We wish him/her all the success for his / her future

assignment and responsibilities.

Certificate No. :- 10780


DIRECTOR
BHILAI
Piyush Jain

Cr

Head Office : 106, D Block, Om-Parisar, Durg (C.G.)

Branch Office : B/492, Cross Street-25, Second Floor, Smriti Nagar, Bhilai (C.G.)

Website : www.sensible-computers.com, email : piyush.jain@sensible-computers.com



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Solitaire Simple
Infosys Creative
innovative

S.No. 265790

Certificate of Training

This certificate has been awarded to Mr **Ashish Saini** from **Christian College of Engineering and Technology** who has undertaken an internship program of **6 Weeks** from **11/07/2022** to **26/08/2022** in **Python** Department from Solitaire Infosys Pvt. Ltd.

During the tenure of this internship with us, we found the candidate self-starter and hardworking. Also he had worked sincerely on the assignments and his performance was satisfactory to be part of the team.

We wish the Candidate success for all the future endeavors.

For Solitaire Infosys Pvt. Ltd.

Gagan Sawhney

Human Resources Department

Note: To check the authentication of certificate, please visit www.slinfy.com





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Certificate

This is to certify that

SANDEEP SIKDAR

participated in Industrial Training conducted on

HTML, CSS, MYSQL, PHP, JAVA SCRIPT

from **20/06/2022** to **20/07/2022**

He/She has completed the training successfully.

He/She bears a good moral character to the best of my knowledge and belief.

We wish him/her all the success for his / her future
assignment and responsibilities.

Certificate No. :- 10782

Director

Piyush Jain

Head Office : 106, D Block, Om-Parisar, Durg (C.G.)

Branch Office : B/492, Cross Street-25, Second Floor, Smriti Nagar, Bhilai (C.G.)

website : www.sensible-computers.com, email : piyush.jain@sensible-computers.com

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Certificate

This is to certify that

ABHISHEK KUMAR

participated in Industrial Training conducted on

"PYTHON"

from **20/06/2022** to **20/07/2022**

He/She has completed the training successfully.

He/She bears a good moral character to the best of my knowledge and belief.

We wish him/her all the success for his / her future

assignment and responsibilities.

Certificate No. :- 10778

Director

Piyush Jain

Head Office : 106, D Block, Om-Parisar, Durg (C.G.)

Branch Office : B/492, Cross Street-25, Second Floor, Smriti Nagar, Bhilai (C.G.)

website : www.sensible-computers.com email : piyush.jain@sensible-computers.com



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This is to Certify that

NAVYA KUMAR

*has Completed his/her
Vocational Training*

During

04 JULY 2022 to 04 AUG. 2022

on

PYTHON

With the Grade

A+



[Signature]
Director

SEED IT SOLUTION

B-41, SMRITI NAGAR
BHILAI, DISTT-DURG I.C.G

Date: 10 AUG. 2022



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Certificate no: UC-45697065-6404-4ae9-8be6-92de02731445
Certificate url: udemy.com/certificate/UC-45697065-6404-4ae9-8be6-92de02731445
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Yogesh Sen

Date **Feb. 15, 2023**

Length **65.5 total hours**



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INDUSTRIAL VISITS

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

Estd. 1998, Reg. No. M.P.8400/24.10.79

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. No. CCET/2023/ 253

Date: 16.08.2023

To,

THE DEPUTY GENERAL,
DOORDARSHAN RAIPUR.

Sub : Regarding, Permission to visit the DOORDARSHAN RAIPUR by the students of 2nd Semester & 7th Semester of Christian College of Engg. & Tech., Bhilai.

Dear Sir,

As a part of the curriculum of the Bachelor of Engineering Degree awarded by the Chhattisgarh Swami Vivekananda Technical University (CSVTU) , Bhilai the students of 2nd Semester & 7th Semester are required to undertake an industrial tour to develop awareness to the latest trends in the different fields of engineering.

We, therefore, request you to kindly grant permission to the students of our college to visit the DOORDARSHAN RAIPUR, on Thursday 24.08.2023. The total strength of students and staff will be around 45 in which two will be our teaching staff.

We shall be obliged to you if you can kindly consider our request & accord permission to the students for the visit.

Thanking you,

Yours faithfully,

Mr Chandrashekarn Sahu
Mr Akash Dewangan
Assistant Prof. & III Cell Coordinator
9340708353

Dr. Mrs. Dipali Soren
Principal
Principal
Christian College of Engg.
& Tech, Kailash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)

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 CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

Report on Visit to Doordharshan Centre

Organized by

Industry Institute Interaction Cell
CCET Bhilai
Session – 2023-24

Faculty Co-ordinators

Mr Akash Dewangan

Mr ChandraShekhar Sahu

Date of visit: - 24.08.2023

Crite

Visit to Doordarshan



The Industry Institute Interaction (III) Cell of CCET Bhilai organized a significant educational visit for the students pursuing BTech in Computer Science and Engineering, Electrical, and Mechanical Engineering. On the 24th of August 2023, the students were given the opportunity to visit Doordarshan Centre Raipur, a renowned broadcasting organization. This visit aimed to bridge the gap between theoretical knowledge and practical application, a crucial aspect of any professional course.

Accompanied by faculty members Mr. Akash Dewangan and Mr. Chandrashekhar Sahu, the students were divided into four groups, each guided by a representative from Doordarshan. The visit was an eye-opening experience for the students, as they got to witness the inner workings of a television studio. The itinerary included visits to various key areas, such as the Art Station Room, PVR Room, Studio, and Editing Room. In each space, the students received concise explanations about the functioning of the equipment and the technical processes involved.

The significance of this visit was manifold. Firstly, it provided a platform for students to apply their classroom knowledge to real-world scenarios. This practical experience is invaluable as it bridges the gap between theory and application. Secondly, the hands-on training with the equipment gave students a chance to familiarize themselves with the tools used in the industry. This exposure prepares them for future roles and responsibilities in their respective fields.

Furthermore, the visit aimed to cultivate a professional attitude among the students. Witnessing the meticulous processes and high standards of the broadcast industry instilled a sense of discipline and professionalism. Additionally, the trip served as a motivation booster for those interested in pursuing careers in broadcast media. Exploring the history and



evolution of Doordarshan, being the first channel in Indian television, inspired students to consider the vast opportunities in the field.

The visit to Doordarshan was an enriching experience for the students of CCET Bhilai. It offered them insights into the practical aspects of their chosen fields, equipped them with hands-on training, fostered professionalism, and kindled their passion for the broadcast industry. Overall, this trip served as a bridge between academia and industry, preparing the students for their future endeavors and allowing them to explore their areas of interest more deeply.



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GPS Map Camera



Google

Kailash Nagar, Chhattisgarh, India
Mechanical block, Kailash Nagar, Chhattisgarh 490026, India
Lat 21.229485°
Long 81.359394°
24/08/23 09:35 AM GMT +05:30



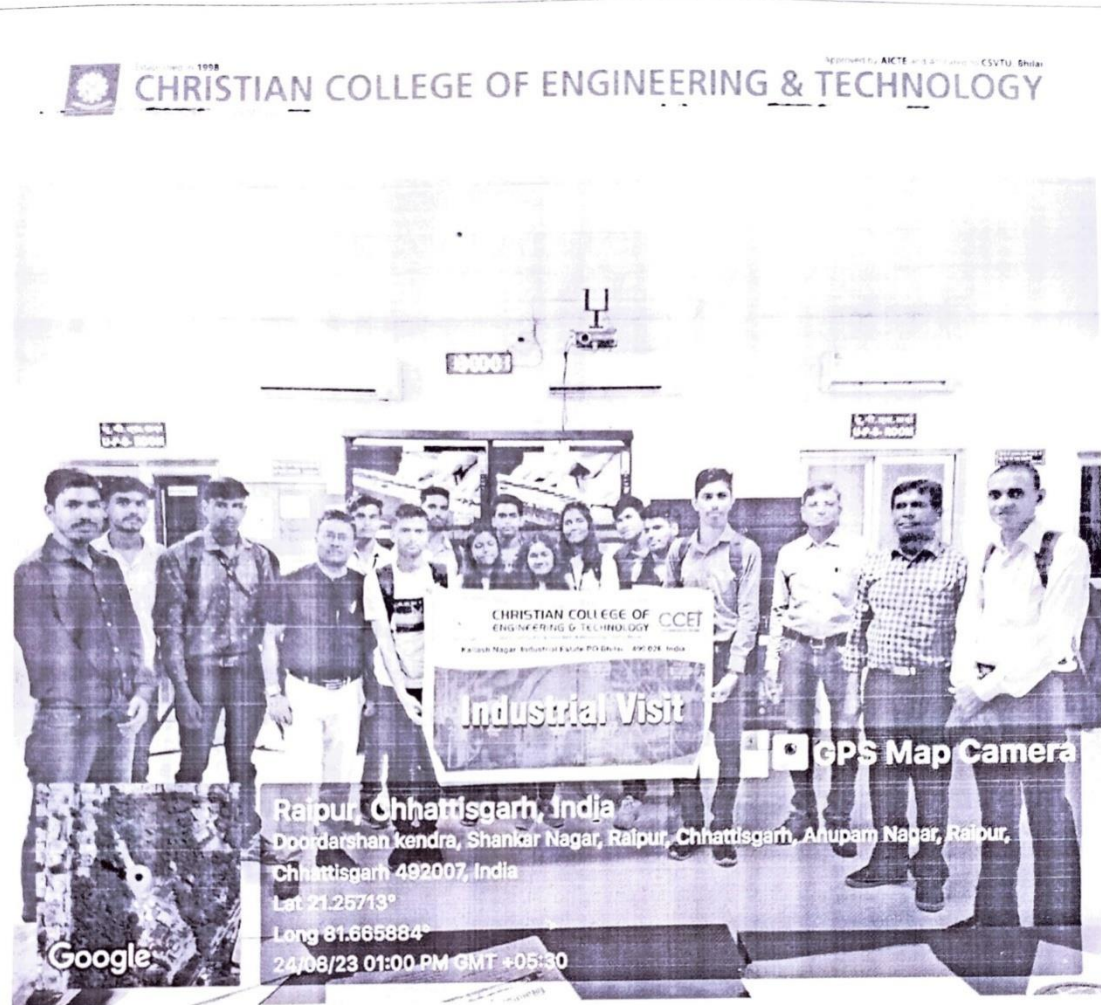
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Crit

Visit to Doordarshan

**LIST OF STUDENTS**

Christian College of Engineering and Technology Bhilai (C.G.)			
Sr No	Name of Student	Branch	Semester
1	ASHISH PRASAD	MECH	7
2	HIMANSHU SAHU	MECH	7
3	SHIVAM PRASAD	MECH	7
4	MANOHAR KUMAR	MECH	7
5	ANISHA KUMARI	CSE	2
6	DIKSHA SONI	CSE	2
7	DURGA JYOTI YADAV	CSE	2
8	KUNAL DEVDAS	CSE	2
9	Mayank	CSE	2
10	NAFIYA KHAN	CSE	2
11	NEELKANTH	CSE	2
12	OMKAR MISHRA	CSE	2
13	TANNU MAJUMDAR	CSE	2
14	ASHISH SONI	ET&T	2
15	HARSH TARONE	ET&T	2
16	KOMAL PRASAD	ET&T	2
17	NIHAL SHARMA	ET&T	2
18	ANGAD YADAV	CSE	7
19	ARYAN GUPTA	CSE	7
20	RAHUL SINGH	CSE	7
21	RAJNISH KUMAR	CSE	7
22	SUKHJEET SINGH HANS	CSE	7
23	SULTANA KHATUN	CSE	7
24	YOGESH KUMAR SEN	CSE	7



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Managed By St. Thomas Mission, Bhilai

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

Estd. 1998, Reg. No. M.P.8400/24.10.79

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/ 2023/ 21

Dt. 25/04/2023

To,
Mr. J K Mohanty
Senior Manager (MSME Technology Centre)
Rasamada, Durg (Chhattisgarh)

Subject:- Regarding permission for Industrial visit in your organisation.

Respected Sir,

We are glad to inform you that our college is 2nd oldest engineering college in Durg-Bhilai area. As the curriculum of the B. Tech. students there is an Industry-Institute-Interaction program to gain the practical knowledge over the theoretical one. To fulfilling the curriculum of the students, we wish to arrange an industrial visit for our students of Computer Science Engineering, Mechanical Engineering, Electrical Engineering and Electronics & Telecommunication Engineering department to your esteemed organisation to learn the actual working environment of the industry.

We are having around 50 interested candidates in the 4th, 6th and 8th semester, who wish to visit your organisation. We will be highly obliged for your permission to visit on 28.04.2023 (Friday). Expecting a positive response from your end as early as possible.

Branch	No. of interested candidate
Computer Science Engineering	30
Mechanical Engineering	15
Electrical Engineering	04
Electronics & Telecommunication	01

Thanking You,

Mr. Akash Bawangan
III Cell Coordinator
Asst. prof. Dept. of Electrical Engg.
CCET, Bhilai (C.G.)

Dr Mrs Dipali Soren
Principal

Principal
Christian College of Engg.
& Tech, Kailash Nagar
Industrial Estate, PO,
Bhilai, Durg (C.G.)



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Report on MSME Technology Centre, Durg

Organized by

Industry Institute Interaction Cell

CCET Bhilai

Session - 2022-23

Faculty Coordinators

Prof Akash Dewangan

Chandra Shekhar Sahu

Date of visit: - 01/05/2023

Visit to MSME Technology Centre, Durg



Objectives:

Industry Institute Interaction unit of Christian College of Engineering and Technology Bhilai conducted a one day educational industrial trip to MSME Technology Centre Durg on 01st May 2023. This Trip is fully fun filled and students also got the opportunity to know something different from their field. MSME Technology Centre Durg currently offers its quality skill Development Training in the area of Tool Design, CAD/CAM/CAE, CNC Programming & Machining, Hydraulics & Pneumatics, Mechatronics, PLC, SCADA, VLSI, Embedded System, and Automation etc. for different level & disciplines trainees.

- To provided Industry-oriented Skill-based Training in the field of design, manufacturing, Tooling, Automation, etc.
- To Produce Tools, Fixtures, Gauges and Precision components preferably for MSMEs and Other Industries
- To provide technical advisory and consultancy services to MSMEs in the areas of design, development, manufacturing etc.

The Ministry of Micro Small and Medium Enterprises (MSME), Government of India in its endeavor 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 Centers (Earlier known as Tool Room and Training Centers) at various parts of the country under its flagship program Technology Centers 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.

MSME Technology Centre Durg is a Ministry of Micro Small and Medium Enterprises (MSME), Government of India Society, registered under Chhattisgarh Society Act 1973.

Its campus consist of Training block , Production Block , Admin Block , Exclusive canteen , Separate Hostels for Girls, Boys & Executives and Staff Quarters .

MSME Technology Centre Durg currently offers its quality skill Development Training in the area of Tool Design, CAD/CAM/CAE, CNC Programming & Machining, Hydraulics &

Visit to MSME Technology Centre, Durg



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Pneumatics, Mechatronics, PLC, SCADA, VLSI, Embedded System, and Automation etc. for different level & disciplines trainees.

Apart from this, MSME Technology Centre Durg will also offer services in Tool Design, Manufacturing & Engineering Consultancy to the various MSMEs & industries in the catchment area.

The society shall primarily assist MSMEs in their respective fields through introduction of latest design and production technologies and as also by providing training, consultancy and Common Facility Services, by continually improving the skills and knowledge of the human resources of the Technology Centre.

It shall play an important role in enhancing the competitiveness of MSME units in the region with focus on improving access to technology, providing skill up-gradation & Technical Education and offering advocacy support to the MSMEs with high growth.

To enable, its motto, MSME Technology Centre Durg is equipping with latest technology labs equipment and machines. Keeping abreast with latest advancement in the field, new technology addition like Industry 4.0, IOT, Robotics, Advance Automation, CNC Simulation, 3D printing etc. is in progress.

This Centre concentrating on an Integrated Development of the related segments of industries by way of providing International Quality Tools, Trained Personnel and Consultancy in tooling and related areas and are constantly crossing new frontiers in the quest for excellence and beyond.

This prospectus has been compiled to give detailed information on our AICTE approved & CSVTU affiliated Diploma courses. As we are continuously expanding our facilities, this prospectus will give a broad ideas of our facilities as on today. It is our endeavor to expand the scope and content of our training programs to meet the growing needs of the industry and society.

Visit to MSME Technology Centre, Durg



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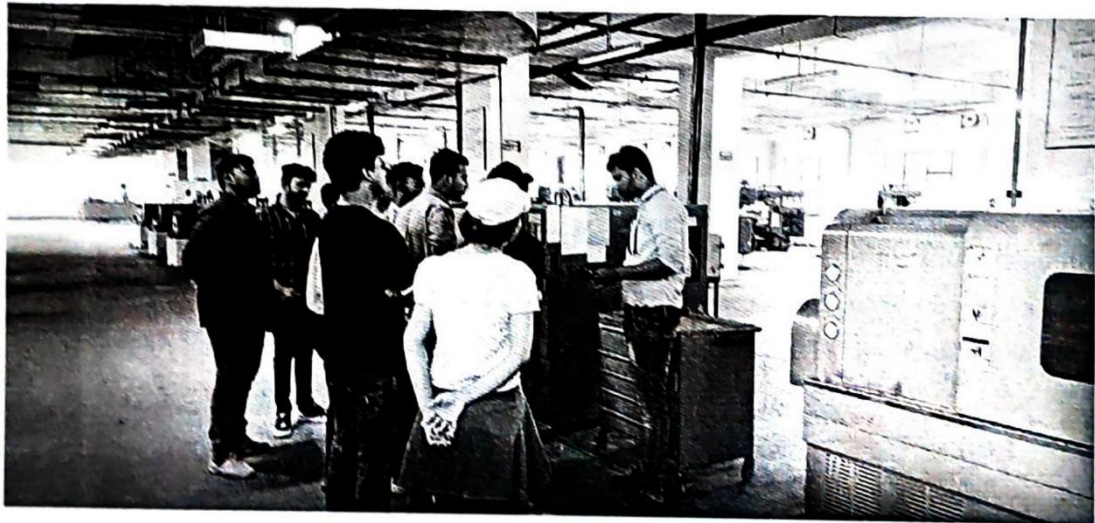
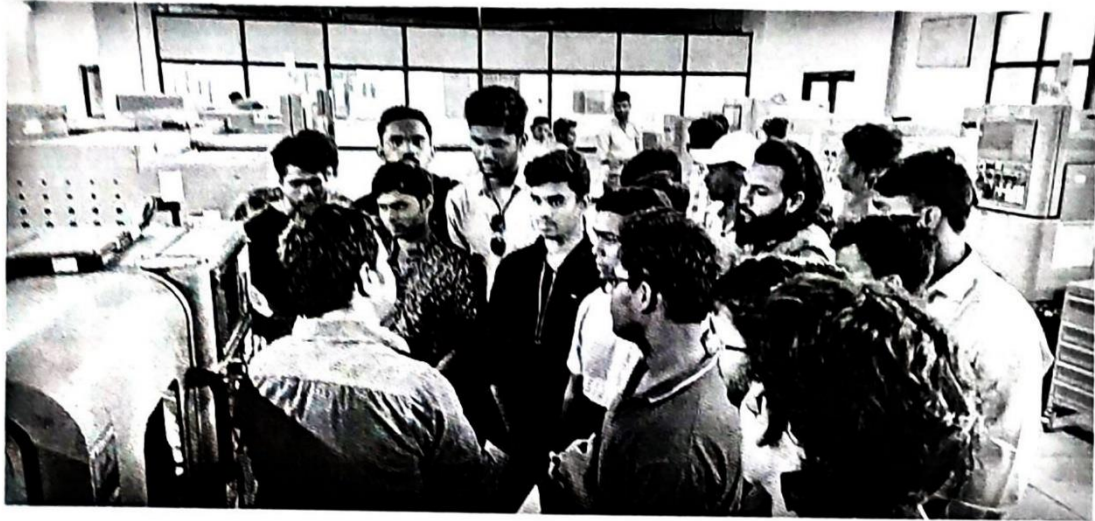
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Visit to MSME Technology Centre, Durg



List of Students

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3	POONAM	Mech	4
4	AMIT SAHU	Mech	4
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6	MAYUR YADAV	Mech	6
7	ROHAN SINHA	Mech	6
8	MANOHAR KUMAR	Mech	6
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10	G RAMU	Mech	6
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12	ROBIN JACOB JOHN	Mech	8
13	SHARON SURYAVANSHI	Mech	8
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15	AKHIL ANU ABRAHAM	Mech	8
16	HIMANSHU TAMRAKAR	Mech	8
17	SEEYON KUMAR	Mech	8
18	AVINASH EKKA	ETC	4
19	RAGINI RATHORE	EE	4
20	HARBHAJAN BAGHEL	EE	4
21	TARUN KUMAR	EE	4
22	LEO KOSHY VARGHESE	EE	8
23	VEDINA XAXA	EE	8
24	ARIN MALAKI	CSE	4
25	DEMAN LAL KOTHARI	CSE	4
26	ALISHA PARVIN	CSE	4
27	RICHA JHA	CSE	4

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28	NITISH KUMAR SHARMA	CSE	4
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10/05/2021
01/05/2021

Visit to MSME Technology Centre, Durg



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Report on Visit to Bansal Wires and Steels Bhilai

Organized by

**Industry Institute Interaction Cell
CCET Bhilai
Session - 2022-23**

Faculty Coordinators

Prof Akash Dewangan

Chandra Shekhar Sahu

Date of visit: - 21/04/2023

Visit to Bansal Wires and Steels Bhilai



Industry Institute Interaction Cell (IIIC) of CCET Bhilai organised a field visit for B.Tech 4th, 6th & 8th semester Mechanical and Electrical Engineering students at Bansal Wires and Steels. 19 students and 02 faculty members visited the site and gain the knowledge about manufacturing process to produce wires and steel products.

Introduction:

Bansal Wires and Steels is a renowned manufacturing company in the steel industry, located in Kailash Nagar Bhilai. The company specializes in the production of high-quality wires and steel products. This industrial visit report provides an overview of the company's operations, processes, and the key insights gained during the visit.

Company Background:

Bansal Wires and Steels has grown into a prominent player in the steel industry. The company prides itself on its advanced manufacturing facilities, cutting-edge technology, and commitment to producing superior quality products. Bansal Wires and Steels serves various sectors such as construction, automotive, infrastructure, and engineering.

Infrastructure and Facilities:

During the visit, it was evident that Bansal Wires and Steels has invested significantly in its infrastructure. The company possesses a state-of-the-art manufacturing unit equipped with modern machinery and equipment. The production facility is well-organized, ensuring smooth workflow and efficient processes. The safety standards were also found to be of utmost importance, with proper safety equipment and protocols in place.

Manufacturing Processes:

Bansal Wires and Steels follows a comprehensive manufacturing process to produce wires and steel products. The primary processes observed during the visit include:

- a. Raw Material Handling: The company sources high-quality raw materials, such as iron ore and scrap metal, from trusted suppliers. These materials are carefully handled and stored in designated areas.

Visit to Bansal Wires and Steels Bhilai



b. **Melting and Casting:** The raw materials undergo a melting process in electric arc furnaces, where they are heated to extremely high temperatures. The molten metal is then cast into various forms, such as billets or slabs, depending on the final product requirements.

c. **Rolling and Forming:** The cast metal undergoes a rolling process, where it is passed through a series of rolling mills to reduce its thickness and shape it into desired profiles. Different rolling techniques, such as hot rolling or cold rolling, are employed based on the product specifications.

d. **Heat Treatment:** Some products require heat treatment to enhance their mechanical properties. The heat treatment process involves heating the steel to specific temperatures and then cooling it gradually to achieve desired hardness, strength, or other desired characteristics.

e. **Finishing and Packaging:** Once the steel products are formed and heat-treated, they undergo finishing processes such as surface treatment, cutting, and shaping. The finished products are then properly packaged and prepared for shipment.

Quality Control:

Bansal Wires and Steels prioritizes quality control throughout the manufacturing process. The company has implemented rigorous quality assurance measures to ensure that its products meet industry standards and customer expectations. Quality checks are conducted at different stages, including raw material inspection, in-process monitoring, and final product testing. The company also adheres to relevant certifications and compliances to ensure consistent quality.

Environmental Sustainability:

During the visit, it was evident that Bansal Wires and Steels is committed to environmental sustainability. The company employs various measures to minimize its environmental impact. These include efficient energy consumption, waste management practices, and recycling initiatives. The company also complies with applicable environmental regulations and strives to continuously improve its sustainability practices.

Conclusion:

The industrial visit to Bansal Wires and Steels provided valuable insights into the steel manufacturing industry. The company's commitment to quality, advanced infrastructure, and focus on sustainability were particularly impressive. The visit offered a practical understanding of the manufacturing processes involved in producing wires and steel products. Overall, Bansal

Visit to Bansal Wires and Steels Bhilai



Wires and Steels serves as a commendable example of a successful and responsible steel manufacturing company.



Visit to Bansal Wires and Steels Bhilai



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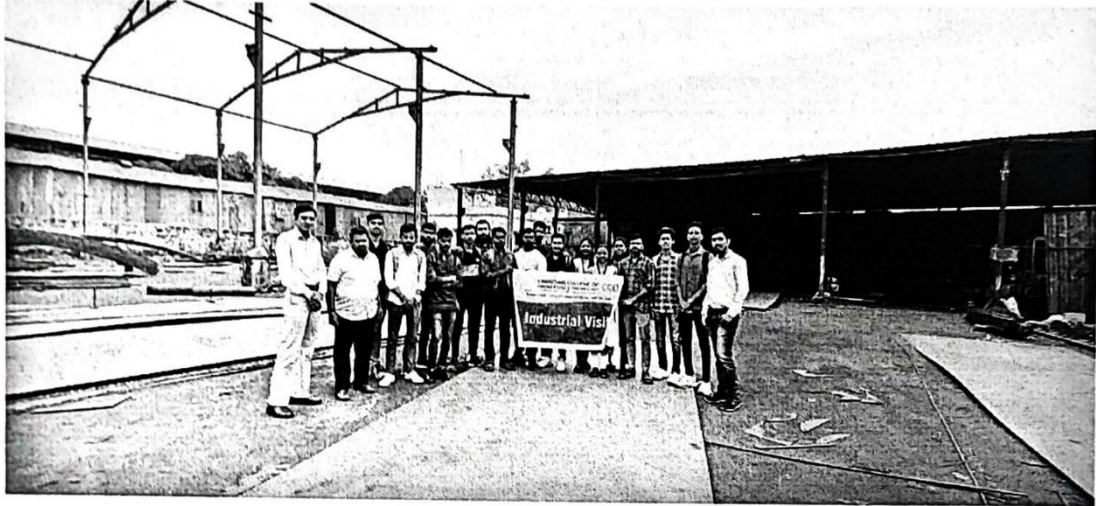
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Visit to Bansal Wires and Steels Bhilai



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14	AKHIL ANU ABRAHAM	Mech	8
15	HIMANSHU TAMRAKAR	Mech	8
16	SEEYON KUMAR	Mech	8
17	RAGINI RATHORE	EE	4
18	VEDINA XAXA	EE	8
19	ROVINS XESS	EE	8

Ates
21/04/2023

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Visit to Bansal Wires and Steels Bhilai



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Ref/CCET/2023/014

19th April, 2023

To,

Mr Naveen Singh
Ganesh Bakers
Parle
Raipur

Subject: Letter of Appreciation for Industrial visit conducted on 19th April, 2023.

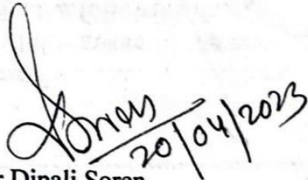
Dear Sir

On behalf of Christian College of Engineering and Technology Bhilai, I would like to thank you profusely for extending a whole hearted cooperation in permitting our students for a visit at your renowned and prestigious company.

Your help, support, enthusiasm and hospitality rendered is highly appreciated and I am sure that this would definitely provide our students an excellent opportunity towards growth, exposure and practical knowledge which would equip them for all future endeavours and pave their way towards success.

Thank you again for your kind concern and efforts. We look forward to more of such enterprising and fruitful visits in the future too.

Warm Regards


20/04/2023

Dr Dipali Soren

Principal
Principal Christian College of Engg.
& Tech, Kailash Nagar
Industrial Estate, PO,
Bhilai-490 026 (C.G.)



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Report on Visit to Parle Industries Raipur

Organized by

**Industry Institute Interaction Cell
CCET Bhilai
Session - 2022-23**

Faculty Coordinators

Prof Akash Dewangan

Chandra Shekhar Sahu

Date of visit: - 19/04/2023

Visit to Parle Industries Raipur



Objectives:

Industry Institute Interaction unit of Christian College of Engineering and Technology Bhilai conducted a one day educational industrial trip to manufacturing unit of Parle G biscuit in Mowa Raipur on 19th April 2023. This Trip is fully fun filled and students also got the opportunity to know something different from their field. PARLE: - Parle is a famous biscuit brand of India. It has about more than 10 varieties of biscuit, candies and snacks. Parle was started in India by Mr Mohan Lal Dayal in 1929 at parle in Mumbai. Parle has more than 125 units all over India. In Raipur unit there are more than 200 workers for daily work and the production is over 70 ton per day. The manager of the Raipur unit is Mr Naveen Singh. In Raipur only Parle-G biscuit's production is taken place.

The manufacturing unit has mainly four parts which are:-

1. Mixing and Moulding unit
2. Baking and cooking unit
3. Packing and storing unit
4. Testing and printing unit

1. Mixing and Moulding Unit: - In this unit mixing of raw materials such as milk, wheat powder, glucose and etc. are performed. Glucose is made by the unit itself from sugar and water. After mixing of the raw materials it is moulded and printed. The printer has dye of the size and name on it. which printed about 200 biscuit at a time. The printer is rotating Machine and controlled manually. In this section we also know that NH₃ is also mixed in biscuit to make it crispy.

2. Backing and Cooking Unit: - After moulding and printing process biscuits pass from baking and cooking unit. Baking and cooking is performed by an Oven. The length of the oven is 252 feet. The temperature of the oven is from 200°C-300°C at the beginning of cooking temperature

Visit to Parle Industries Raipur



is 200°C and gradually increases to 300 and then decreases also. The maximum temperature of oven is 300°C. For baking and cooking purpose propane gas is used.

3. **Packing and Storing Unit:** - In this unit first the biscuits are cooled by passing it from 2-4 containers. In summer season 4 containers are need to cool down the biscuits but in normal days 2 containers are sufficient for cooling. After cooling there is assorting of biscuit which is performed first by man power and then by machine also. There is a metal detector which detects any size of metal particle and stops the whole process. After assorting, packing of these biscuits are performed by the help of machines and workers. After the packing all boxes are stored in storing section. In storing section every day's production is placed separately.

4. **Testing and Printing Unit:** - Laboratory is the unit where testing of raw material and printing of packet rapper is performed. Testing is performed before mixing of raw materials. After production testing is again performed to check that there are no harmful particles, taste is good, shape and size is correct. in lab printing of rapper is done by machines. Quality of rapper plastic is also checked in lab..



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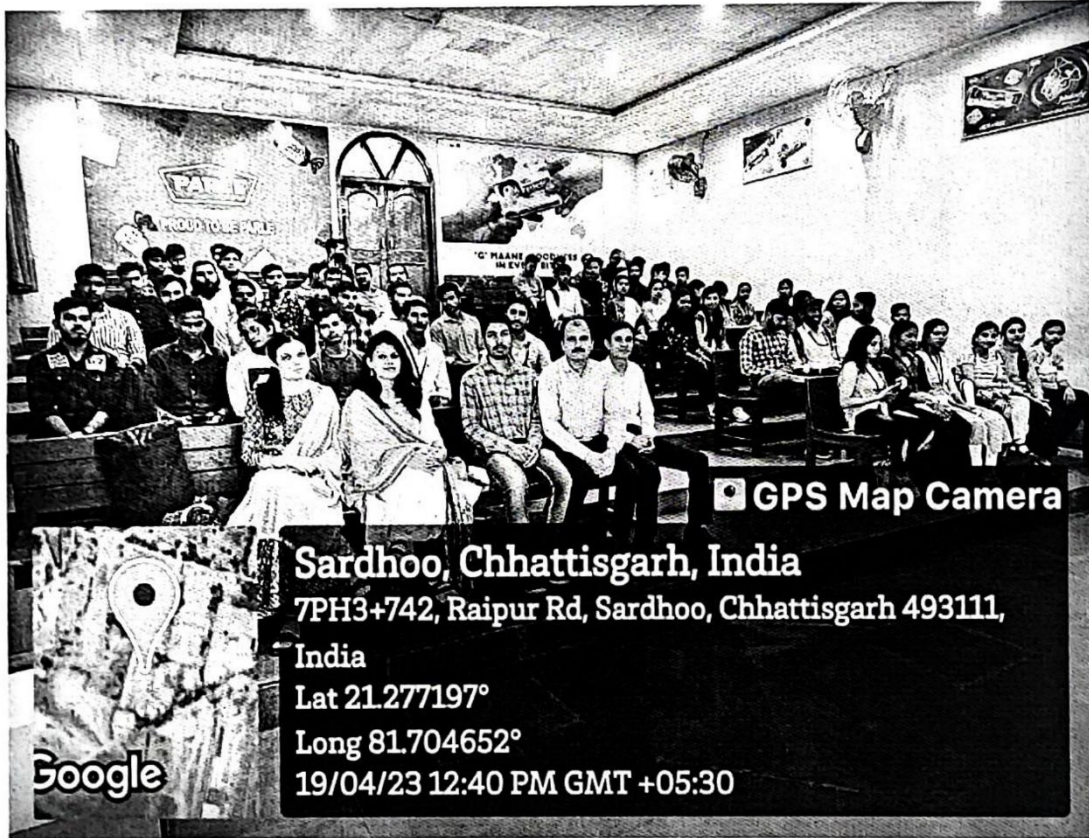
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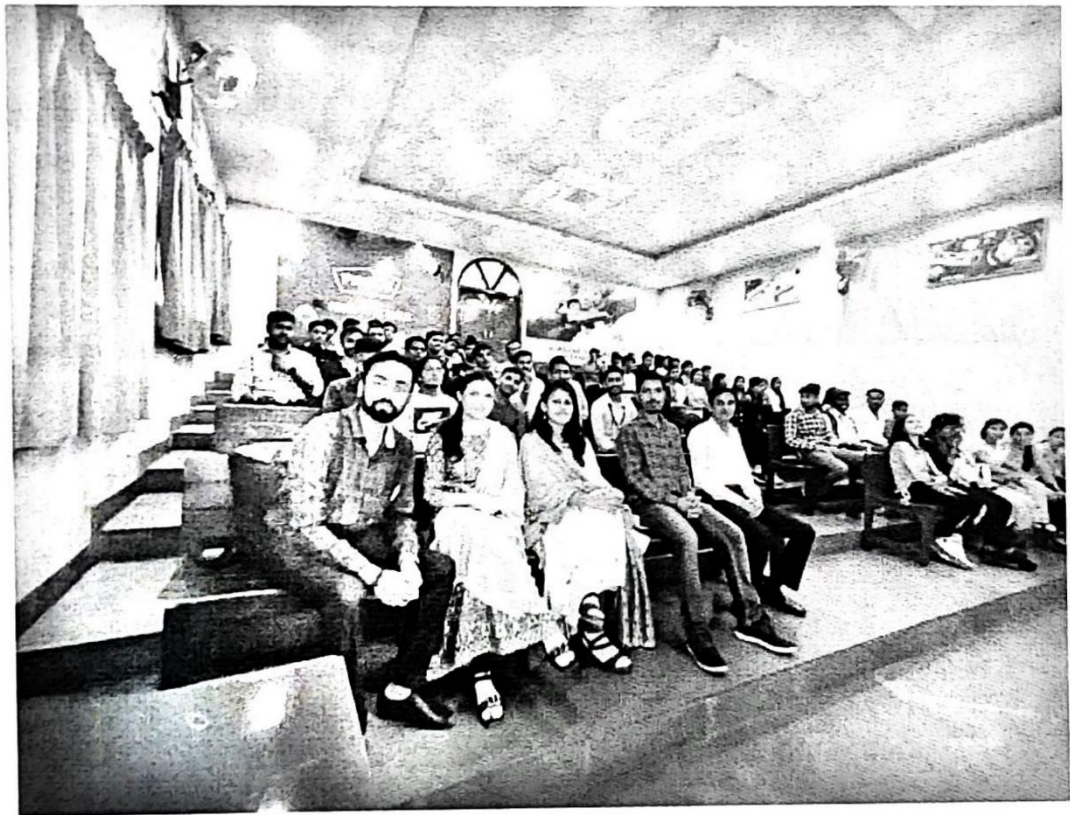
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21	TARUN KUMAR	EE	4
22	LEO KOSHY VARGHESE	EE	8
23	VEDINA XAXA	EE	8
24	ARIN MALAKI	CSE	4
25	DEMAN LAL KOTHARI	CSE	4

Visit to Parle Industries Raipur



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36	SANDEEP SIKDAR	CSE	6
37	NAVYA KUMAR RAM	CSE	6
38	SULTANA KHATUN	CSE	6
39	SAKET KUMAR	CSE	6
40	ARIMA TOPPO	CSE	8
41	ARTI XALXO	CSE	8
42	GULNAJ ANSARI	CSE	8
43	JEEVAN BARA	CSE	8
44	ROSHAN KUMAR SAHU	CSE	8
45	SHILANATH PRATAP SINGH	CSE	8
46	SHIVAM PANDEY	CSE	8
47	VIBHA	CSE	8
48	DEVIKA THAKRE	CSE	8
49	RAHUL ANISH PRASAD	CSE	8
50	VIJAY RELWANI	CSE	8

Alon
19/04/2023

Visit to Parle Industries Raipur



प्रताक गुब्बारा का अनंत नालमा को सौंप कर किया गया। इस अवसर पर मुख्य अतिथि के रूप में

थ। उन्हान एकता क प्रताक मशाल को प्रज्वलित कर शिविर का उद्घाटन किया ।

पार्ले मैनुफैक्चरिंग यूनिट सड्डू का औद्योगिक दौरा

भिलाई. क्रिश्चियन कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (सीसीईटी), भिलाई 1998 से तकनीकी शिक्षा में औद्योगिक ज्ञान के साथ अकादमिक उत्कृष्टता के लिए कार्य कर रहा है। इसी क्रम में कॉलेज के छात्रों ने पार्ले एगो प्लांट सड्डू रायपुर का दौरा किया। इस इंडस्ट्रियल टूर के पीछे मुख्य उद्देश्य छात्रों को पार्ले उत्पादों के प्रसंस्करण और निर्माण प्ररि या के बारे में जागरूक करनाथा। इस यात्रा में बीटेक द्वितीय, तृतीय और चतुर्थ वर्ष के 58 छात्रों ने भाग लिया। साथ में कॉलेज के सहायक



प्रोफेसर्स आकाश देवांगन, चंद्र शेखर साहू, रॉबिन बाबु, ऋष्या साहू और दिव्यानी उपस्थित थे। प्रशिक्षक एवं सह पर्यवेक्षक नवीन सिंह ने विद्यार्थियों को पारले प्रोडक्ट्स की निर्माण प्रक्रिया के बारे में संक्षेप में जानकारी दी।



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Report on Visit to Solar panel Installation site Bhilai

Organized by

Industry Institute Interaction Cell

CCET Bhilai

Session - 2022-23

Faculty Coordinators

Prof Akash Dewangan

Chandra Shekhar Sahu

Date of visit: - 13/04/2023

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Visit to Solar panel Installation site Bhilai



Industry Institute Interaction Cell (IIIC) of CCET Bhilai organised a field visit for BTech 6th semester Mechanical and Electrical Engineering students at the campus of St. Thomas Mission Kailash Nagar Bhilai. 40 students and 3 faculty members visited the site where the solar panel installation process was going on and all the students learned about renewable energy sources and how panels are installed. A live demo of the process was explained by Dr. Shailendra Verma sir.

Following are the steps involved in the installation process:

STEP-1: MOUNT INSTALLATION

The first step is to fix the mounts that will support the Solar Panels. It can be Roof-ground mounts or flush mounts depending on the requirement. This base structure provides support and sturdiness. Care is taken on direction in which the PV panels (monocrystalline or polycrystalline) will be installed. Again, the mounting structure must be slightly tilted. Angle of the tilt could be between 18 to 36 Degree. Many companies use a solar tracker to increase the conversion efficiency.

STEP-2: INSTALL THE SOLAR PANELS

Next step is to fix the solar panels with the mounting structure. This is done by tightening nuts and bolts. Care is taken to secure the whole structure properly so that it is sturdy and lasts long.

STEP-3: DO ELECTRICAL WIRING

Next step is to do the electrical wiring. Universal Connectors like MC4 are used during wiring because these connectors can be connected with all type of solar panels. These panels can be electrically connected with each other in following series:

1. **Series Connection:** In this case, the Positive (+) Wire of one PV module is connected to the Negative (-) Wire of another module. This type of wiring increases the voltage match with the battery bank.
2. **Parallel Connection:** In this case, Positive (+) to Positive (+) and Negative (-) to Negative (-) connection is done. This type of wiring voltage of each panel remains same.

STEP-4: CONNECT THE SYSTEM TO SOLAR INVERTER

Next step is to connect the system to a solar inverter. The Positive wire from the solar panel is connected to the Positive terminal of the inverter and the Negative wire is connected to the Negative terminal of the inverter.

The solar inverter is then connected to the Solar Battery and Grid input to produce electricity.

**STEP-5: CONNECT SOLAR INVERTER AND SOLAR BATTERY**

Next step is to connect the solar inverter and the solar battery. The positive terminal of the battery is connected with the positive terminal of the inverter and negative to negative. Battery is needed in off grid solar system to store electricity backup.

STEP-6: CONNECT SOLAR INVERTER TO THE GRID

Next step is to connect the inverter to the grid. To make this connection, a normal plug is used to connect to the main power switch board. An output wire is connected with electric board that supplies electricity to the home.

STEP: 7: START SOLAR INVERTER

Now when all the electrical wiring and connections are done, it is time to start the inverter switch ON the Main Switch of the Home. Most solar inverters will have digital display to show you stats regarding generation and usage of solar unit.

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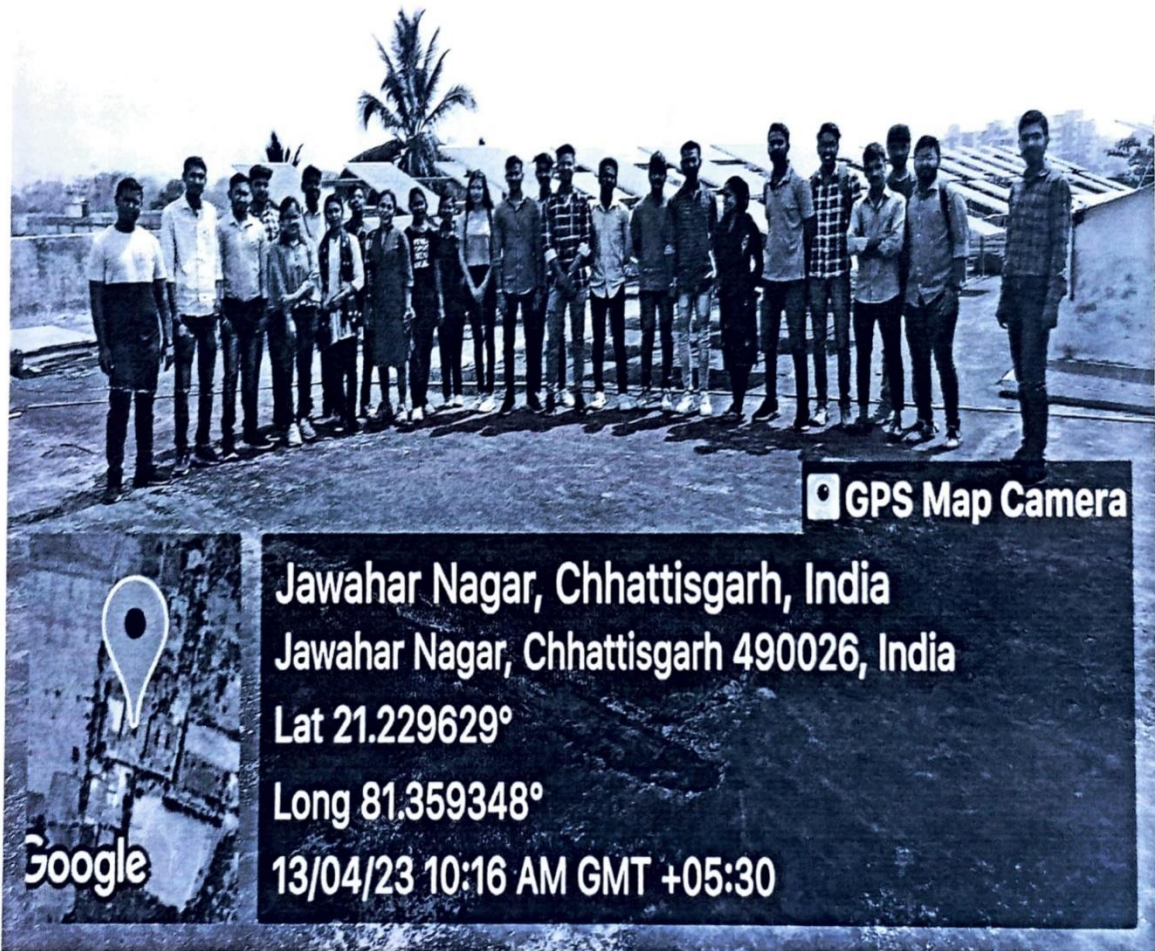


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List of Students

Christian College of Engineering and Technology Bhilai (C.G.)			
Sr No	Name of Student	Branch	Semester
1	DINESH KUMAR YADAV	Mech	4
2	BHUPENDRA KUMAR SEN	Mech	4
3	POONAM	Mech	4
4	AMIT SAHU	Mech	4
5	VIKKY KUMAR	Mech	6
6	MAYUR YADAV	Mech	6
7	ROHAN SINHA	Mech	6
8	MANOHAR KUMAR	Mech	6
9	ASHISH PRASAD ARYA	Mech	6
10	G RAMU	Mech	6
11	RAHUL KU BRAMHANKAR	Mech	8
12	ROBIN JACOB JOHN	Mech	8
13	SHARON SURYAVANSHI	Mech	8
14	SHIVNATH GOTA	Mech	8
15	AKHIL ANU ABRAHAM	Mech	8
16	HIMANSHU TAMRAKAR	Mech	8
17	SEEYON KUMAR	Mech	8
18	AVINASH EKKA	ETC	4
19	RAGINI RATHORE	EE	4
20	HARBHAJAN BAGHEL	EE	4
21	TARUN KUMAR	EE	4
22	LEO KOSHY VARGHESE	EE	8
23	VEDINA XAXA	EE	8

*Ades
13/04/2011*

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Criterion 6

QIM 6.5.1 IQAC Initiatives



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INSTITUTION INNOVATION CELL ACTIVITIES

Criterion 6

QIM 6.5.1 IQAC Initiatives



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Criterion 6

QIM 6.5.1 IQAC Initiatives



A Report of Session on Innovation and Entrepreneurship

Topic: Innovation and Entrepreneurship.

Date: 10/05/2023

Venue: Christian College of Engineering and Technology, Bhilai

Total participants: 40

Organized by: Institution's Innovation Council in association with Electrical and Electronics Department

Objective: To develop a shared understanding of the importance of Innovation and Entrepreneurship.

Benefit: Students came to know that Innovation doesn't always mean to create something new, innovators often take something that already exists and improve it.

Brief Report about the program:

"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 "**Innovation and Entrepreneurship**" on **10th May 2023**.

Dr. Achala Jain Associate Professor Electrical and Electronics department Shri Shankaracharya 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's workshop objectives were to develop a shared understanding of the importance of Innovation and Entrepreneurship, explore approaches to take ideas from inception to pitch and experience interactive ways of learning about Innovation and Entrepreneurship. She explained everything with real time examples of how empathizing with someone gives many reasons to create and invent.

She extended the session by explaining to the students that Innovation doesn't always mean to create something new, innovators often take something that



already exists, improve it, change it, make it better and make it the best for their customers.

The program was organized by the members Mr. Prashant Bawaney, Dr. Shailendra verma, Ms. Richa Sahu and Mr. Abid Khan.

Objective:-To develop a shared understanding of the importance of Innovation and Entrepreneurship.

Benefit: Students came to know that Innovation doesn't always mean to create something new, innovators often take something that already exists, improve it change it, make it better and make it the best for their customers.





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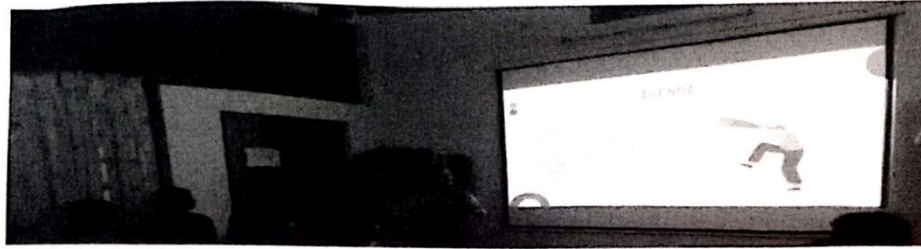
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Dr.



Facebook Link :

<https://www.facebook.com/ccet.bhilai.904/posts/pfbid02rU1AdF6ag2BysGRT7TVw6s6jSovLR1iiMHFTWgga39GSZdmR9S9v7NmkgYJMcCnI>

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INNOVATION AND ENTREPRENEURSHIP			
S/NO	STUDENT NAME	BRANCH	SIGNATURE
1	DURGA JYOTI YADAV	CSE	<i>Durga</i>
2	KUNAL DEVDAS	CSE	<i>Kunal</i>
3	MAYANK	CSE	<i>Mk</i>
4	NAFIYA KHAN	CSE	<i>Nafiya</i>
5	NEELKANTH	CSE	<i>Neelkanth</i>
6	APRATA SONA	CSE	<i>Aprata</i>
7	ARIN MALAKI	CSE	<i>Arin</i>
8	DEEPIKA PATEL	CSE	<i>Deepika</i>
9	DEMAN LAL KOTHARI	CSE	<i>Demank</i>
10	JYOTIRMAY PRADHAN	CSE	<i>Jyoti</i>
11	NAFEES ALAM	CSE	<i>Nafees</i>
12	RICHA JHA	CSE	<i>Richa</i>
13	RISHABH DIXIT	CSE	<i>Rishabh</i>
14	ARIMA TOPPO	CSE	<i>Arima</i>
15	ARTI XALXO	CSE	<i>Arti</i>
16	CHANCHALA YADAV	CSE	<i>Chanchal</i>
17	DEEPAK SONWANI	CSE	<i>Deepak</i>
18	DEVIKA THAKRE	CSE	<i>Devika</i>
19	GULNAJ ANSARI	CSE	<i>Gulnaj</i>
20	SHILANATH PRATAP SINGH	CSE	<i>Shilanath</i>
21	VIBHA	CSE	<i>Vibha</i>
22	SHIVAM PANDEY	CSE	<i>Shivam</i>
23	VAISHALI	CSE	<i>Vaishali</i>
24	BHUPENDRA KUMAR SEN	MECH	<i>Bhupendra</i>
25	DHEERAJ KUMAR SORI	MECH	<i>Dheeraj</i>
26	DINESH KUMAR YADAV	MECH	<i>Dinesh</i>
27	POONAM	MECH	<i>Poonam</i>
28	RAHUL KUMAR BRAMHANKAR	MECH	<i>Rahul</i>
29	ROBINS JACOB JOHN	MECH	<i>Robins</i>
30	ROSHAN ROY	MECH	<i>Roshan</i>
31	SAHIL HUSSAIN	MECH	<i>Sahil</i>
32	HARBHAJAN BAGHEL	ELEC	<i>Harbajan</i>
33	HIMANSHU SHARMA	ELEC	<i>Himanshu</i>
34	NIKITA	ELEC	<i>Nikita</i>
35	RAGINI RATHORE	ELEC	<i>Ragini</i>
36	LEO KOSHY VARGHESE	ELEC	<i>Leo</i>
37	ROVINS XESS	ELEC	<i>Rovins</i>
38	SHIVENDRA PANIGRAHI	ELEC	<i>Shivendra</i>
39	VEDINA XAXA	ELEC	<i>Vedina</i>
40	AVINASH EKKA	ET & T	<i>Avinash</i>



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.



MSME Technology Centre Durg is a Ministry of Micro Small and Medium Enterprises (MSME), Government of India Society, registered under Chhattisgarh Society Act 1973.

Mr. J K Mohanty, Sr. Manager-Training (MSME Technology Centre), started the session by asking students about their career plans and motivated them for the respective fields they had mentioned. He then highlighted about the STARTUP that one can have of their own and also mentioned about the various risks involved in it. He told the students about various benefits that MSME Technology Centre can provide to young entrepreneurs.

The students also got the chance to visit various workshop comprising of different equipments & machines like CNC machine, Lathe machine, Hydraulic machine, Pneumatic machine, 3D Printer, Logo Designing Machine etc. The team demonstrated working of the equipments as well.

Mr. J K Mohanty, suggested about training in MSME Technology Centre where students can brain storm their ideas and express the perspective about same or different things.

The field visit provided the students an open platform to do internship with MSME Technology Centre and they can even get great job opportunities also they can enhance their skill according to present demand of the industry.

Facebook Link:

<https://www.facebook.com/ccet.bilai.904/posts/pfbid0nnPANHVxnM92Q2BJMjNAUZfSJXmPaPf9jHHZ1SpLVUEopmWKg2Sed37DTm7Rnnvel>



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Screenshots of the program





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Below



FIELD VISIT TO MSME TECHNOLOGY CENTRE			
S/NO	STUDENT NAME	BRANCH	SIGNATURE
1	KRISHNAKANT SAHU	ELEC	<i>Krishnakant</i>
2	LEO KOSHY VARGHESE	ELEC	<i>Leo Koshy</i>
3	MITHLESH	ELEC	<i>Mithlesh</i>
4	PAWAN KUMAR VISHWAKARMA	ELEC	<i>Pawan</i>
5	RAJKUMAR	ELEC	<i>Rajkumar</i>
6	ROVINS XESS	ELEC	<i>Rovins Xess</i>
7	SHIVENDRA PANIGRAHI	ELEC	<i>Bileendra</i>
8	SUGAM BAKSHI	ELEC	<i>Sugam</i>
9	VEDINA XAXA	ELEC	<i>Vedina</i>
10	VAIBHAV LAKSHMI DUBEY	ELEC	<i>Lakshmi</i>
11	VISHNU RAM	ELEC	<i>Vishnu</i>
12	VIVEK	ELEC	<i>Vivek</i>
13	ROSHAN ROY	MECH	<i>Rohan</i>
14	SAHIL HUSSAIN	MECH	<i>Sahil</i>
15	SEEYON KUMAR	MECH	<i>Seeyon</i>
16	SHARON SURYAVANSHI	MECH	<i>Sharon</i>
17	SHIVNATH GOTA	MECH	<i>Shivnath</i>
18	SHREYANSH LAL	MECH	<i>Shreyansh</i>
19	ROBIN ROY	MECH	<i>Robin</i>
20	ROHAN SINHA	MECH	<i>Rohan</i>
21	SHIVAM PRASAD	MECH	<i>Shivam</i>
22	VIKKY KUMAR	MECH	<i>Vicky</i>
23	MANOHAR KUMAR	MECH	<i>Manohar</i>
24	AKHIL ANU ABRAHAM	MECH	<i>Akhil</i>
25	DEEPAK KUMAR	MECH	<i>Deepak</i>
26	HIMANSHU TAMRAKAR	MECH	<i>Himanshu</i>
27	RAHUL KUMAR BRAMHANKAR	MECH	<i>Rahul</i>
28	RAHUL ANISH PRASAD	CSE	<i>Rahul</i>
29	ROSHAN KUMAR SAHU	CSE	<i>Roshan</i>
30	SHILANATH PRATAP SINGH	CSE	<i>Shilanath</i>
31	SHIVAM PANDEY	CSE	<i>Shivam</i>
32	TIKESHWARI	CSE	<i>Tikeshwari</i>
33	VAISHALI	CSE	<i>Vaishali</i>
34	VANADA YADAV	CSE	<i>Vanada</i>
35	VIBHA	CSE	<i>Vibha</i>
36	VIJAY RELWANI	CSE	<i>Vijay</i>
37	VINAY MINJ	CSE	<i>Vinay</i>
38	TARUN KUMAR SINHA	CSE	<i>Tarun</i>



39	VIKAS SINGH YADAV	CSE	Lehas
40	VISHWAPRATAP DAS	CSE	Vishu P
41	YOGESH KUMAR SEN	CSE	Yogesh
42	ALVIN SAM JACOB	CSE	Alvin
43	DHARMENDRA KUSHWAHA	CSE	Dharmendra
44	SAKET KUMAR	CSE	Saket
45	SOURABH CHOUDHARY	CSE	Sourabh
46	AMAN NIKUNJ	CSE	Aman
47	JAISLEEN SAHOTA	CSE	Jaisleen S
48	KARAN KUMAR BISEN	CSE	Karan
49	MANASH DEWANGAN	CSE	Manash
50	NAVYA KUMAR RAM	CSE	Navya
51	NIDHI	CSE	Nidhi
52	NUTAN	CSE	Nutan
53	PREETI JANGADE	CSE	Preeti
54	RAHUL SINGH	CSE	Rahul
55	RAJNISH KUMAR	CSE	Rajnish
56	SAHIL KUMAR YADAV	CSE	Sahil
57	SANDEEP SIKDAR	CSE	Sandeep
58	STUTI DAS	CSE	Stuti
59	ARIMA TOPPO	CSE	Arima
60	ARTI XALXO	CSE	Arti



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.

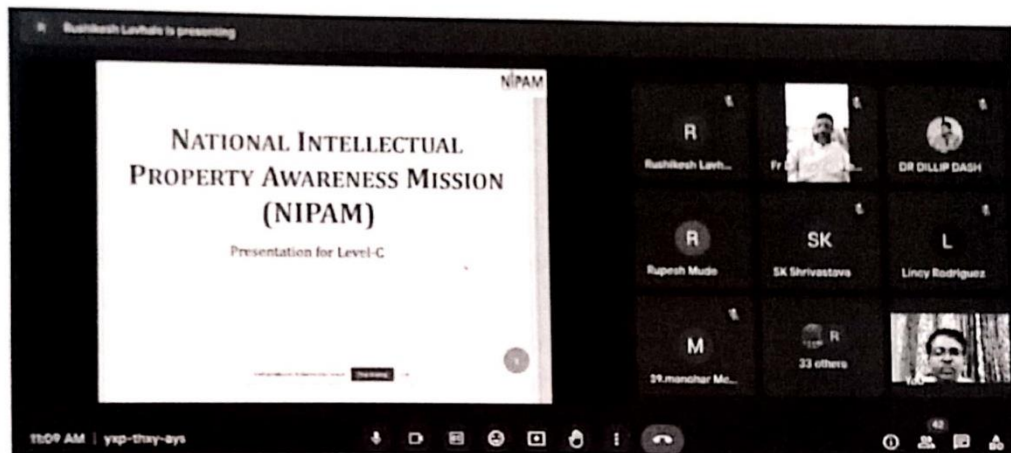
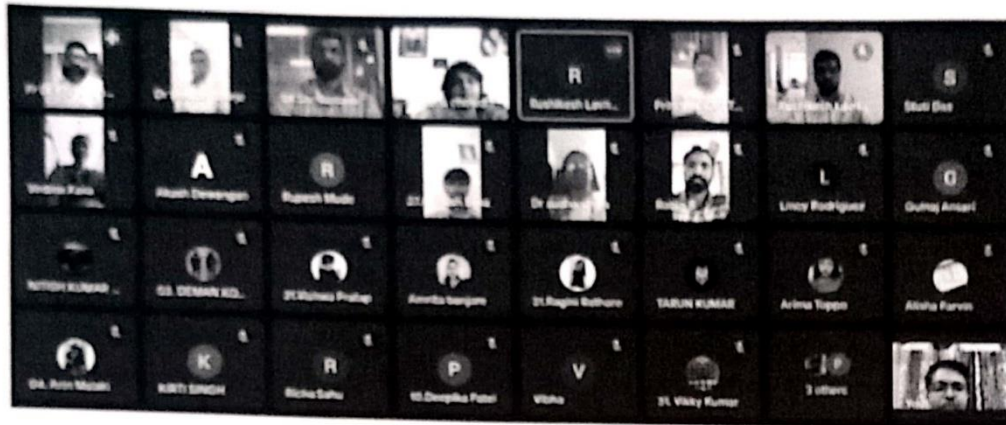
The program started with the blessing of Executive Vice Chairman, Fr Dr PS Varghese. He blessed all the participants and motivated them to apply for IPR publications. The speaker of this webinar was Mr. Rushikesh G. Lavhale, IPR Professional, Technominds IP Solutions, Amravati. He explained the various 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.



Objective: To make aware about patent, design patent, copyright, trademark, the commercialization of patents, and IP laws.

Benefit: Students and faculties came to know about the intellectual property rights and also about design patent, copyright, trademark, the commercialization of patents and IP laws.



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S/NO	STUDENT NAME	BRANCH
1	PRIYANSHU KUMAR	CSE
2	RAHUL GUPTA	CSE
3	RAHUL KUMAR	CSE
4	RICHA JHA	CSE
5	RISHABH DIXIT	CSE
6	RITESH KUMAR SAHU	CSE
7	SHIVAM KUMAR	CSE
8	SOMIYA C KURIAN	CSE
9	SUNNY SAMSON	CSE
10	AAYUSHI	CSE
11	ABHISHEK KUMAR	CSE
12	ARYAN GUPTA	CSE
13	ASHISH SAINI	CSE
14	DURGA SONI	CSE
15	JAISLEEN SAHOTA	CSE
16	KARAN KUMAR BISEN	CSE
17	NAVYA KUMAR RAM	CSE
18	NIDHI	CSE
19	PREETI JANGADE	CSE
20	RAHUL SINGH	CSE
21	RAJNISH KUMAR	CSE
22	ATUL HIRWANI	MECH
23	BHUPENDRA KUMAR SEN	MECH
24	DHEERAJ KUMAR SORI	MECH
25	DINESH KUMAR YADAV	MECH
26	POONAM	MECH
27	HIMANSHU SAHU	MECH
28	MAYUR YADAV	MECH
29	RAJESH KUMAR SHRIVASTAVA	MECH
30	ROBIN ROY	MECH
31	ROHAN SINHA	MECH
32	HIMANSHU SHARMA	ELEC
33	NIKITA	ELEC
34	SHIWANI SONWANI	ELEC
35	TARUN KUMAR	ELEC
36	PREMKUMAR YADAV	ELEC
37	SAHIL SONI	ELEC
38	VAIBHAV LAKSHMI DUBEY	ELEC
39	VISHNU RAM	ELEC
40	DEEPAK KUMAR	ELEC
41	VIVEK	ELEC



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CHRISTIAN COLLEGE OF ENGINEERING & TECHNOLOGY

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If You Aim High, We Provide The Means

Criterion 6

QIM 6.5.1 IQAC Initiatives