



INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

ACTIVITY NAME: “Workshop on Quality Concepts & Problem Solving Tools and Techniques”

ACTIVITY NUMBER:

DATE OF ACTIVITY: 09TH April 2019 to 11th April 2019

ACTIVITY COORDINATOR: Dr. VIVEK MISHRA



Indore Institute of Science and Technology

Event Report

Academic Year -2018-2019

Session: Winter (Even Semester)

Name of Event: Workshop (Guest Lecture/Seminar/Workshop)

Date of Event: 9th - 11th April 2019, Topic: Quality Circle Concepts & Problem Solving Techniques

Organizing Dept.: Mechanical Engineering, Event Coordinator: Dr. Vivek Mishra

Name of Partner / co-organizer (If Industry is involved): Quality Circle Forum of India (QCFI)

Address: QCFI, Bhilai Chapter

Contact No.: 9407981822, Email Id: qcfibh@gmail.com

Name of Industry Representative: Mr. G. P Singh

Contact No.: 9407981822, Email Id: sktrivedi1961@gmail.com

Name of Expert/Guest: Mr. Sunil Trivedi

Institute / Company: QCFI, Bhilai Chapter (also associated with Bhilai Steel Plant) - Sr. Analyst, BSP

Designation: Head of Training Activities, Department: _____

Address: QCFI, Bhilai Chapter

Contact No.: 9425553025, Email Id: sktrivedi1961@gmail.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
2	23	ME	5	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event.
4. Media Report (attach copy of newspaper)/ write-up for media
5. Certificate / Letter (if printed by Institute or Organizing Partner)


HOD


Principal



Date 9/4/2019

Notice

This is to inform all students that Mechanical Engineering Department in Association with Quality Circle Forum of India, Bhilai Chapter is organizing a three days workshop on Quality concepts and Problem Solving Tools and Techniques from 9th April 2019 to 11th April 2019 at IIST Campus Indore.

The session will be taken by Mr. Sunil Trivedi (Head of Training activities, QCFI Bhilai Chapter and Senior Analyst, Bhilai Steel Plant) and Dr. Vivek Mishra (EWC member, QCFI Bhilai Chapter and Asso. Prof., IIST Indore). Dr. Vivek Mishra will be the co-ordinator for the event, contact him in case of any query.



Faculty



HOD
(ME)



ABOUT IIST

Indore Institute of Science & Technology (IIST) established in the year 2003, is amongst the Top 5 Engineering Colleges of India. The Institute is approved by AICTE, New Delhi and affiliated to Indore Bhilai Engineering College & Technology. At IIST, we are committed to Enhance the Employability Quotient of the Students along with Holistic Development.

The Institute has tie-up with premier IITs (Delhi & Bombay) for Academic Excellence in the areas of Virtual Reality, Robotics, etc. We have well qualified faculty team, mostly with Ph.D degree in the latest technologies domains. Our Technology enabled Flipped Classroom pedagogy enhances the student engagement in the classroom and make them focused on the practical aspects of the subjects. The Institute has created dedicated Special Interest Groups (SIGs) to enable the faculty staff and students to work on the latest technologies in the newly established state-of-the-art lab infrastructure for Internet of Things (IoT), Apple iOS application development, Cloud Computing, Data Analytics, Artificial Intelligence, Robotics, Aero Modeling, Waste Water Treatment, Water Harvesting, etc.

We promote the skill upgradation of students & faculty through our Industry Institute Interaction (I²I) Cell by establishing AWS Academy, Microsoft Imagine Academy, Red Hat Academy, etc. Frequent Industrial Visits expose the students to the latest happenings and give them the scope to become industry ready.

The Placement Entrepreneurship Career Advancement (PECA) Cell focuses on all-round Development of the students in collaboration with Industry. We have associated with Internshipa platform for Internships and Studentingra platform for online training on soft skills and programming. Centre for Application of Research in Engineering (CARE) supports the incubation of the startups inside the campus and nurture them to become a successful entrepreneurial venture.

The Career Development Centre (CDC) established with a dedicated team of professionals help in promoting the students with the soft skills (Aptitude, Personality Development, English & Foreign language, etc.) right from the first year of study. The lush green 55 Acre Wi-Fi enabled campus opp. IIM Indore with separate hostel facility for Boys and Girls, amazing sports facilities, Digital Library, Organic Food served in Canteen, 24x7 emergency assistance, Security, etc. makes the stay comfortable for the students.

ABOUT QCI

About QCI, India: QCI is recognized as the institution representing The Quality Circle Movement in India and has represented the country in several international forums. QCI is a national body having its headquarters at Secunderabad, founded by like minded quality leaders in 1982. The objective of forum is to promote, create and nurture the quality circle concepts in the industries in the country. The forum presently has 30 Chapters in the country. QCI has been spearheading the education, training, propagation and help in implementation of quality concepts in industries, service sectors, education, health in rural areas, society etc. The organization has successfully implemented quality concepts under the TQM umbrella across several industry verticals who have experienced a phenomenal enhancement of their work processes and productivity after implementation of Quality Concept Tools.

REGISTRATION DETAILS

The Registration fee for each participant is
Rs. 5,000/- (Five thousand) for Faculty / Industry Professionals
(Payment by Net Banking is to be made to)
A/C Name: Quality Circle Forum of India, Bilal Chapter | A/C No: 184301000000617
Bank Name: Indian Overseas bank | IFSC Code: IOBA0001843, MICR No. 490020002

Rs. 1,500/- for Students (UG/PG/Research Scholar)
Payment can be made by: Phone pe or Google pay: 7898803676
(Registration Kit, Refreshment served during the workshop & Certificate)
Last date for Registration: 4th April 2019

Registration Link



<https://tiny.cc/ed4h4y>

Organizing Committee

Chief Patron
Hon'ble Shri Roshan Agrawal
Chairman
Patron
Mr. Arun S. Bhatnagar
Director General

Organizing Chairman
Dr. V. R. Raghuvir
Principal (IIST)
Convener
Dr. A. P. Singh
Dean, Mech.

Coordinator
Dr. Vivek Mishra
Mobile No: +91 9892464887
E-mail ID: vivek.mishra@indoreinstitute.com



Opp. IIM, Rau-Pithampur Road, Rau, Indore - 463331

☎ 822 407 1000 / 2000 / 3000 / 4000 / 5000 | Toll Free: 1800 103 8069
Email: info@indoreinstitute.com | www.indoreinstitute.com

ABOUT THIS WORKSHOP

Aim: The aim of the program is to help the participants understand various quality concepts, their application, use and purpose. Hands-on and experiential approach. Objectives: Enhance the understanding and skill set of participants in Quality Concepts and their application. Develop their capability to implement the quality concepts in their respective organizations. By the end of the program participants should be able to:

- Understand the concept and the importance of process and to have an idea of process variability.
- Use appropriate tools and techniques for solving the problems effectively.
- Make use of the tools and techniques to use the quality process creation, improvement and control.
- Create a high quality or making quality culture in the organization to significantly improve the operational performance.

METHODOLOGY & LANGUAGE: Learning through live, interactive sessions, demonstration, self-exploration exercises. The program language will be Hindi and English.

FACILITY: Live and hands-on training activities, IIT Bilal Chapter, Seminar room, Restaurant, Faculty support team, Bilal Steel Plant.

WORKSHOP CERTIFICATE: Certificate of participation and achievement will be awarded to all the participants. The award ceremony shall be on the last day of the program after the program will be over with the certificate distribution.

Programme Schedule

A three day workshop on quality concepts and problem solving technique
April - 09th - 11th, 2019

1st Day

09:00 - 10:30 hrs Registration, Programme Briefing and Entry level knowledge test
10:30 - 10:45 hrs TEA BREAK
10:45 - 12:30 hrs Introduction of modern quality concepts, PMA, 8D, 5W/2H, Pareto Chart, Flow Chart
12:30 - 12:45 hrs LUNCH
12:45 - 15:45 hrs Priority/ Ranking method Brain Storming and syndicate task
15:45 - 16:00 hrs TEA BREAK
16:00 - 18:00 hrs Data Collection, Stratification, Cause & Effect diagram and syndicate task

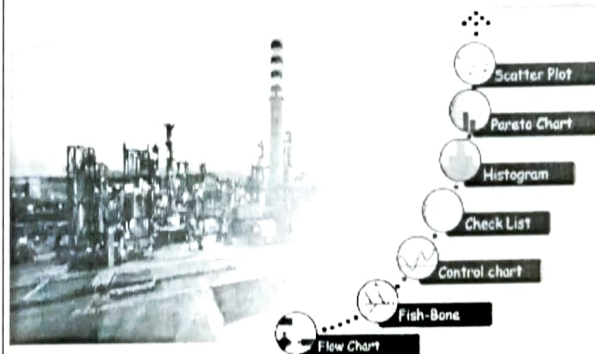
2nd Day

09:00 - 10:30 hrs Revision of 1st day and test 1: Pareto diagram & Scatter diagram
10:30 - 10:45 hrs TEA BREAK
10:45 - 12:30 hrs Graphs, Histogram with syndicate exercise with syndicate exercise
12:30 - 12:45 hrs LUNCH
12:45 - 15:45 hrs Control chart with syndicate exercise (X-R and X-MR chart)
15:45 - 16:00 hrs TEA BREAK
16:00 - 18:00 hrs Final preparation of Fish-bone diagram on drawing sheet

3rd Day

09:00 - 10:30 hrs Revision of 2nd day and test 2 and Problem Solving Steps with evaluation system
10:30 - 10:45 hrs TEA BREAK
10:45 - 12:30 hrs Problem Solving Steps with evaluation system
12:30 - 12:45 hrs LUNCH
12:45 - 15:45 hrs Certification Session Problem Solving Steps with evaluation system
15:45 - 16:00 hrs TEA BREAK
16:00 - 18:00 hrs Valedictory Session

LEARN IMPLEMENT ACHIEVE



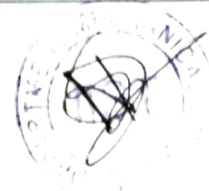
Workshop on:

Quality Concepts & Problem Solving Technique
(09th - 11th April 2019)

Venue

IIST Campus, Opp. IIM, Rau-Pithampur Road, Rau, Indore

Organized by:



A THREE DAY WORKSHOP

ON

QC CONCEPTS AND PROBLEM SOLVING TECHNIQUES

Aim: The aim of this program is to help the participants, operate autonomously to solve day to day problems in a team and promote self and mutual development and Improve Quality of life.

About the programme:

Present day competition in the market place can be met only by continuous improvement in Quality and reduction in the costs. Opportunities for these improvements exist in several problems affecting productivity, Quality and Cost. Systematic investigation of these problems and finding solutions are the proven approach for getting the desired results. The focus of the programme is to develop problem solving skills.

To meet these needs, a kit of problem solving tools and techniques will be covered in this programme which can help to solve almost 95% of the Quality problems of organisation. All these tools will be taught with the help of syndicate exercises in groups so that participants can learn the practical application of tools and techniques QCFI in the light of the experience gained in imparting knowledge of these tools to Coordinators, Facilitators, and Managers.

Objectives

To impart in-depth knowledge and skills on the use of tools and techniques and for effective Implementation of the Process in their respective organizations. By the end of the programme participants should be able to:

- Understanding the concept and the importance of proper tools and techniques for solving problems.
- Use appropriate tools and techniques for solving the problems effectively.
- Make use of the tools and techniques to make the workplace more creative, vibrant and satisfying.
- Contribute significantly in making quality circles more effective and contribute significantly towards organizational well being

Lecture Sessions and Syndicate Exercises on

SPC - an outline » Cause & Effect Diagram

Brain Storming » Stratification

Data Collection » Scatter Diagrams

Histogram » Graphs

Pareto Analysis » Control Charts





Jindal Steel and Power, Jindal Power, Sarda Energy and Minerals, Uniworth India Ltd. and NTPC-SAIL Power Company etc.

QCFI, Bhilai Chapter has most experienced faculty in the field of Quality Circles and 5S. QCFI, Bhilai Chapter, has entered into agreement with NTPC-SAIL Power Company, Bhilai, for implementation of 5S and final certification. Progress of the project is quite satisfactory. QCFI, Bhilai Chapter, has been pioneer in the country for implementation of 5S in schools on a large scale. In 17 schools of Bhilai Steel Plant 5S has been implemented and 32 more schools are being taken up for implementation of 5S. Under the supervision of its dynamic leader Shri G. P. Singh, Director (QCFI-Central Zone) with its experienced and dedicated team members QCFI Bhilai chapter has received "Best Chapter Award" consecutively for the last three years. QCFI, Bhilai Chapter is instrumental in implementing 5S in Quality Control and Converter/Concast Deppts. of Bhilai Steel Plant. QCFI Bhilai Chapter have experienced judges of international repute for Quality Circle Conventions and are offering our services to NTPC-Korba, NTPC-Vindhyachal, NTPC-Talchar, Orissa.

Activity Plan & Expected expenses

1. Institutional Life Membership of QCFI – Rs 5000 + Service Tax.
2. Introductory Session on QCFI & its activities (Duration 2-3 hrs.)
 - Resource person - Experts from QCFI Bhilai Chapter (Employee of Bhilai Steel Plant)
 - Audience – Institute Management & faculties from all department
 - Venue – College Auditorium.
 - Proposed date – 8th April 2019
 - Facility required – Pick and drop facility, one day accommodation in college premises, arrangement for the breakfast, lunch and dinner.

Program coordinator
Dr. Vivek Mishra 
Associate Professor
Department of Mechanical Engineering
Indore Institute of Science & Technology,
Indore

 Dean
Dr. Aditya Pratap Singh
Department of Mechanical Engineering
Indore Institute of Science & Technology,
Indore



Proposal to Initiate QCFI activities

The concept of quality control originated in the U.S. and was taken to Japan by W. Edwards Deming who marked the beginning of revolution in quality control. As quality control awareness increased in Japan, the Japanese companies used statistical quality control to motivate their workers to produce high-quality products. Quality circles improve the quality of products and the work atmosphere as members feel they are an important part of the organisation who can positively contribute to product quality. Though initially started in the manufacturing area, the concept of quality circles widely applies in service sector also (banking, insurance etc.). These days most of the organizations across the nation work on the quality circle concept. In order to meet the requirement of the industries, our institute has to take initiative to train our students on quality concepts before reaching the industries.

About QCFI, India: QCFI is recognized as the institution representing The Quality Circle Movement in India and has represented the country in several international forums. QCFI is a national body having its headquarters at Secundrabad, founded by like minded quality leaders in 1982. The objective of forum is to promote, create and nurture the quality circle concepts in the industries in the country. The forum presently has 30 Chapters in the country. QCFI has been spearheading the education, training, propagation and help in implementation of quality concepts in industries, service sectors, education, health in rural areas, society etc. The organization has successfully implemented Quality concepts under the TQM umbrella across several industry verticals who have experienced a phenomenal enhancement of their work processes and productivity after implementation of Quality Concept Tools.

QCFI represents India in the 13 nation International Committee that has been set up for organizing International conventions on Quality Concept Circle, annually. To date, QCFI has organized three International conventions in India. In addition, chapter convention and National convention are held every year where members present case studies and technical papers are discussed by leading Quality Concept Practitioners.

In-house Training and Orientation Programs is QCFI's main strengths and has conducted numerous such training programs effectively. These in-house programs are based on Quality Circles integrated with TQM and related concepts.

Institutions addressed by QCFI are of diverse nature – industry, business, trade, commerce, education, research. Administration and service sectors like health, insurance, banks, transports etc. More than 500 organization across the India are practicing quality circle activities. Some of the member organizations are Bharat Electronics Limited, JSW Steel Limited, Bhilai Steel Plant, Tata Steel Ltd, Hero Motocorp Ltd, Bharat Aluminium Company Limited, Exide Industries Limited, BHEL, Rourkela Steel Plant, Mahindra & Mahindra Limited, JK Tyre and Industries Ltd, NTPC Ltd, Godrej Consumer Products Ltd, Raymond Ltd., Cummins India Ltd, Tafe, Reliance Industries Limited, Parle Biscuits Pvt. Ltd., HAL, Kirloskar Brothers Ltd. and many more.

Why QCFI Bhilai Chapter? - Quality Circle Forum Of India (QCFI), Bhilai Chapter, came into existence on 13th February, 2010 to propagate and promote Quality Circle (QC), 5S and Quality concept. Since then we have organised many workshops on QC and 5S in Bhilai Steel Plant.



Programme Schedule:

1st Day:	
09:00 -10:30 hrs	Registration Programme Briefing and Entry level knowledge test
10:30-10:45 hrs	TEA BREAK
10:45-13:15 hrs	Introduction of modern Quality concepts, PDCA, Mile Stone/Gantt Chart, Flow Chart
13:15-14:15 hrs	LUNCH
14:15-15:45 hrs	Priority/ Ranking method Brain Storming and syndicate task
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15:45-16:00 hrs	TEA BREAK
16:00-18:00 hrs	Final preparation of Fish bone diagram on drawing sheet
3rd Day:	
09:00 -10:30 hrs	Revision of 2 nd day and test-2 and Problem Solving Steps with evaluation system
10:30-10:45 hrs	TEA BREAK
10:45-13:15 hrs	Problem Solving Steps with evaluation system
13:15-14:15 hrs	LUNCH
14:15-15:45 hrs	Clarification Session Problem Solving Steps with evaluation system
15:45-16:00 hrs	TEA BREAK
16:00-18:00 hrs	Valedictory Session

- Resource person - Expert from QCFI Bhilai Chapter (Employee of Bhilai Steel Plant)
- Audience – Under-graduate student from any department.
- Batch size – Minimum 40 students
- Registration fee – Rs 1500 /- per student (50% amount by student + 50% amount by institute)
- Certificates will be provided by QCFI Bhilai Chapter to the participant students.
- Proposed dates – 9th to 11th April 2019.
- Facility Required – Pick and drop facility, 3 day accommodation in college premises, arrangement for the breakfast, lunch and dinner.
- Course material – Two books on Quality Circle Tool & Technique (Total cost book will be provided by QCFI, with in the registration fee)

Course coordinator
Dr. Vivek Mishra
Associate Professor
Department of Mechanical Engineering
Indore Institute of Science & Technology,
Indore

Dean
Dr. Aditya Pratap Singh
Department of Mechanical Engineering
Indore Institute of Science & Technology,
Indore



To,

Date: 25th Feb 2019

The Principal,

Indore Institute of Science and Technology

Indore

Subject: Proposal for three day workshop for student and awareness session for institute management and faculties (8th - 11th April 2019).

Respected Sir,

We would like to initiate quality circle activities at institute level for which an awareness session for institute management and faculties is required. Also we want to have a three days workshop for our undergraduate students, so that they have a hands on practice of the quality circle tools. We requested experts from QCFI Bhilai Chapter to help in this direction, for which they agreed to arrange session as per our need. The proposal for the program is attached with this application. We also request you to kindly provide the necessary funding and facilities to make this program successful.

Thanking You

Yours faithfully

(Signature)
Dr. Vivek Mishra
Associate Professor,
Department of Mechanical Engineering
Indore Institute of Science & Technology
Indore

*Forwarded to Principal Sir
for necessary action as
we are conducting on 8-11th Apr
a workshop*
(Signature)

*Approved
- & forwarded to
DGS Sir*

(Signature)
13/3
13/3/19



Expected Expenses for QCFI Awareness and Workshop Programme

S. No.	Description		Quantity	Expected Expense
1	Contribution towards students registration	Rs 750 per student	40	30000
2	QCFI life membership	Rs 5000 + 18 % GST		5900
3	Pick up on 1st day			
	Day 1			
4	Breakfast		3	
5	Tea & Snacks		5	
6	Special Lunch		5	
7	Evening tea & snacks		5	
8	Special Dinner		3	650
9	Drop facility for expert 1			
	Day 2			
10	Breakfast		2	100
11	Tea & Snacks		45	900
12	Special Lunch		3	375
13	Evening tea & snacks		45	900
14	Special Dinner		2	250
	Day 3			
15	Breakfast		2	100
16	Tea & Snacks		45	900
17	Special Lunch		45	375
18	Evening tea & snacks		45	900
19	Special Dinner		2	250
	Day 4			
20	Breakfast		2	100
21	Tea & Snacks		45	900
22	Special Lunch		3	375
23	Evening tea & snacks		45	900
24	Special Dinner		2	250
25	Drop facility for expert 2			
Total				RS 44125



Date: 11.04.2019

Details of payment to be made to QCFI

Contribution towards course fee payment				
S. No.	Details	No.	Amount	Amount including GST
1	Students	22	(21*750) + 1500	17250
2	Faculty	1	750	750
Total				21240

Account details (towards payment of registration fee):

A/C name: Quality Circle Forum of India, Bhilai Chapter

A/C no: 184301000000617

IFSC code: IOBA000183

Bank Name: Indian Overseas Bank

MICR No.: 490020002

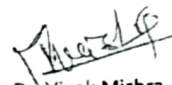
Life membership of QCFI			
S. No.	Details	Amount	Amount including GST
1	Institutional Membership	5000	5900

DD Should be drawn in favour of "Quality Circle forum of India"

Payable at Hyderabad

ICICI Bank SB A/C. NO. 004801046457, IFSC / RTGS Code: ICIC0000048

GST No. 36AAAAQ0008P1ZK


Dr. Vivek Mishra
Faculty Co-ordinator

* As per Approved by DGS Sir.

(1) 21240/-

(2) 5900/-



INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 06/04/2019

NOTE SHEET

Introductory Session on QC & 5S activities and three day workshop on "QC concept & problem solving techniques"

(8th - 11th April 2019)

S. No	Requirements	Particulars/Amount	Date	Time	Remark
1	Contribution towards students registration	Rs 750 per student + 18 % GST			
2	QCII life membership	Rs 5900/- 2 persons		6:30 pm	From airport (already applied)
3	Pick up				
4	Evening Tea & Snacks	3			
5	Special Dinner	2			
6	8th April 2019				
6	Breakfast & Tea	3		8 am	At guest house
7	Tea & Snacks	5		12 am	Near principal sir office, may be conference room
8	Special Lunch	8			
9	Evening tea & snacks	5			At guest house
10	Special Dinner	2			
11	Memento	3			
12	Bouquet	3			
13	Drop facility for expert 1	1 person		1:30 pm	To airport (already applied)
14	9th April 2019				
14	Breakfast & Tea	2		8 am	At guest house
15	Bouquet	1		9 am	
16	Garland	1		9 am	
17	Tea & Snacks	30		10:30 am	Near seminar hall 3
18	Special Lunch	8		01:15 pm	
19	Evening tea & snacks	30		03:45 pm	Near seminar hall 3
20	Special Dinner	2		8:45 pm	At guest house
21	10th April 2019				
21	Breakfast & Tea	2		8 am	At guest house
22	Tea & Snacks	30		10:30 am	Near seminar hall 3
23	Special Lunch	8		01:15 pm	
24	Evening tea & snacks	30		03:45 pm	Near seminar hall 3
25	Special Dinner	2		8:45 pm	At guest house
26	11th April 2019				
26	Breakfast & Tea	2		8 am	At guest house
27	Tea & Snacks	30		10:30 am	Near seminar hall 3
28	Special Lunch	8		01:15 pm	
29	Evening tea & snacks	30		03:45 pm	Near seminar hall 3
30	Special Dinner	2		8:45 pm	At guest house
31	12th April 2019				
31	Drop facility for expert 2				
Infrastructure & IT support					
32	Projector		8th April 2019	9:30 AM - 12:00 PM	

Nishu : 11/4/19
 Dr. Anurag
 Vaged :
 Manish / Doreen / Chandra / Vaged :





INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

33	Collar Mic	1	8th April 2019	9:30 AM - 12:00 PM	
34	Auditorium 1		8th April 2019	9:30 AM - 12:00 PM	
35	Mic	1	8th April 2019	9:30 AM - 12:00 PM	
36	Collar Mic	1	9 th - 11 th April 2019	9:00 AM - 6:00 PM	
37	Seminar Hall - 3	1	9 th - 11 th April 2019	9:00 AM - 6:00 PM	
Accommodation					
38	Executives from Bhilai Steel Plant	2	7 th - 12 th April 2019		Processed

*Bus facility for participants after 6 pm (9th-11th April 2019)

Account details (towards payment of student's registration):

A/C name: Quality Circle Forum of India, Bhilai Chapter

A/C no: 184301000000617

Bank Name: Indian Overseas Bank

IFSC code: IOBA000183

MICR No.: 490020002

For life time membership - Payment mode and details will be shared by QCFI during the workshop


Faculty Coordinator

Dr. Vivek Mishra

Asso. Prof.

Department of Mechanical Engineering



W, you can Register/Pay for NPS contribution. For more details, please click on NPS Link Provided on Login Page.

Home Accounts

Welcome M/s
SHAIL

Skip to Content

Log out

Payments/Fund Transfer e-Tax e-Services Utility Payments ASBA Inquire Payments Me

Payments/Fund Transfer: Immediate Payment (IMPS 24/7) >

The request is submitted successfully. Ref. ID: [6250910]

Step 1: New Request Details

Step 2: Preview and Confirm

Step 3: Sum

Summary

Beneficiary Details

Personal Payees: Quality Circle forum of i

Beneficiary AccountNumber: 004801046457

IFSC Code: ICIC0000048

Transfer Amount: 5,900.00

Request Date: 12/04/2019

Transfer Remarks: qciffee

12-Apr-19, 2:08 PM



Home Accounts

Welcome to
Comcast

Skip to Content

Log out

Payments Fund Transfer e-Tax e-Services Utility Payments ASBA Inquire Payments

Payments Fund Transfer Immediate Payment (IMPS 24/7)

The request is submitted successfully. Ref. ID: 6250544

Step 1: New Request Details

Step 2: Preview and Confirm

Step 3: Sum

Summary

Beneficiary Details

Personal Payee: Quality Circle Forum of I

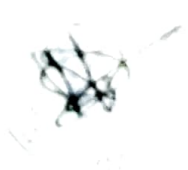
Beneficiary Account Number: 184301000000617

IFSC Code: IOBA0001843


Transfer Amount: 21,240.00 (sm. Reg)

Request Date: 12/04/2019

Transfer Remarks: qcfee



Brief Profile

	Personal detail	Name	Gopal Prasad Singh
		B-Tech (Electronic) from I.I.T Chennai (Madras) in the year 1988	
		MBA Finance from IGNOU in the year 1999	
	Present Position	Director- QCFI Central Zone, Secretary QCFI Bhilai Chapter & DGM Bhilai Steel Plant	
	Carrier	Joined as a Management Training in the Year 1988, Bhilai Steel Plant. Worked in various area viz; Blast Furnace, Sinter plant, Oxygen plant, Power Plant and Coke oven. Presently Responsible for Instrumentation and Automation of Coke oven and Sinter Plant	
	Award	<ul style="list-style-type: none"> Four Times winner of Vishwakarma Rashtriya Puraskar, National Award. Received "MD'S TROPHY FOR MOST INNOVATIVE MANAGERS" in the year 2009. 	
	Intellectual Property	1. Awarded 2 copyright and one patent and 5 patent pending	
	Papers:	1. Various technical papers presented/accepted at national and international level.	
	Quality Circle Activities	Participated three times in International Convention on Quality Control Circle-(ICQCC) in the year 2002 at Lucknow, India, 2003 at Tokyo, Japan and in the year 2007 at China.	





Name : SUNIL KUMAR TRIVEDI

Address : QRTR- 1/F, STREET-70, SECTOR-6
BHILAI NAGAR, C.G. -490006

Telephones : (O) – 0788-2852123

(R) – 0788-2299337

E-Mail : sktrivedi1961@gmail.com, sktrivedi@sail-bhilaisteel.com

Mobile : 09425553025 / 07000177474

Age : 54 years

Field of training & Consultancy :

Trainer, Faculty and Consultant in the field of:

1. Quality Circle integrated with Total Quality Management.
2. Lean Quality Circles
3. Quality Improvement Team.
4. Statistical Tools and Techniques for Problem Solving.
5. Five S, Kaizen, TPM
6. Integrated Approach of Quality Concepts for Business Excellence.

Qualification & Experience •

Master's degree in Maths,



Started carrier as a banker in Syndicate Bank in Bharweli, Distt - Balaghat, M.P. for 16 months (May'1983 to Sep'1984)

Joined Navy on short service commission (Sep'1984 to Nov'1984) as trainee.

Joined Bhilai Steel Plant Oct'1985 as Cricketer.

Present Position

- Sr.Analystt. in Business Excellence department of SAIL- BHILAI STEEL PLANT. Working since last 30 years., Involved in Quality Concepts activities, from 1995.
- Working as PRO, QCFI BHILAI CHAPTER since inception of QCFI Bhilai Chapter in 2010.
- Conducted many training programmes on QC and 5-S in Bhilai Steel Plant
- Certified LEAD auditor for 5-S.

INTERNATIONAL CONVENTION (ICQCC):

- Attended International Convention, ICQCC '2002 in Lucknow, India as coordinator.
- Attended International Convention, ICQCC '2003 in TOKYO JAPAN.

NATIONAL CONVENTIONS (NCQC) :

- ~~Attended many National Convention on Quality Concepts organised by~~
QCFI since last twenty years as Judge, Delegates and as organiser in different working committee.





Dr. Vivek Mishra

Dr. Vivek Mishra has been associated with Indore Institute of Science & Technology (IIST), Indore since February 01, 2019 and presently working as an Associate Professor in Mechanical Engineering Department. He has more than 12 years of teaching and research experience. He has more than 15 research publications. He is also the executive working committee member of QCFI, Bhilai Chapter since August 2017. He has contributed in organising the Quality Circle conventions at chapter as well as national level. He has delivered many expert talks at national level. He has conducted a number of workshops on Quality Concepts for students as well as industry persons. His area of interest includes composite materials, wear, optimization and quality concepts. Dr. Mishra has completed his PhD from NIT Rourkela and MTech from MANIT Bhopal.



List of Participants

S. No.	Name	Participant Type	Organisation
1	Navjot Singh Nagra	Student	Indore Institute of Science & Technology, Indore
2	Himanshu Bhawsar	Student	Indore Institute of Science & Technology, Indore
3	Avinash Chandel	Student	Indore Institute of Science & Technology, Indore
4	Ankush Chourasia	Student	Indore Institute of Science & Technology, Indore
5	Anand Kumar Kushwaha	Student	Indore Institute of Science & Technology, Indore
6	Abhijeet Kaul	Student	Indore Institute of Science & Technology, Indore
7	Sourav Ghode	Student	Indore Institute of Science & Technology, Indore
8	Abhyuday Singh	Student	Indore Institute of Science & Technology, Indore
9	Amber Kumar Dwivedi	Student	Indore Institute of Science & Technology, Indore
10	Vikram Singh	Student	Indore Institute of Science & Technology, Indore
11	Chandan Chopra	Student	Indore Institute of Science & Technology, Indore
12	Bhavesht Dwivedi	Student	Indore Institute of Science & Technology, Indore
13	Jitendra Singh Chouhan	Student	Indore Institute of Science & Technology, Indore
14	Sapnesh Pal	Student	Indore Institute of Science & Technology, Indore
15	Ajay Singh	Student	Indore Institute of Science & Technology, Indore
16	Vibhum Tripathi	Student	Indore Institute of Science & Technology, Indore
17	Prashant Rathore	Student	Indore Institute of Science & Technology, Indore
18	Punit Shinde	Student	Indore Institute of Science & Technology, Indore
19	Piyush Kumar	Student	Indore Institute of Science & Technology, Indore
20	Yashoditya Singh Jodha	Student	Indore Institute of Science & Technology, Indore
21	Gyanodaya Jaiswal	Student	Indore Institute of Science & Technology, Indore
22	Mohit Singh Kushwah	Student	Indore Institute of Science & Technology, Indore
23	Mukesh Sharma	Research Scholar/Faculty	IET DAVV, Indore
24	Vishal Kapadnis	Industry Professional	Shakti Pumps India Limited
25	Pratik Patel	Industry Professional	Shakti Pumps India Limited
26	Sanjay Bhatnagar	Industry Professional	Shakti Pumps India Limited
27	Pawan Saraswat	Industry Professional	Shakti Pumps India Limited
28	Bhagyashree Buchade	Industry Professional	SINTEX-BAPL, Pithampur



Date: 9/5/19

S. No.	Name	Category	Attendance			
			Session 1	Session 2	Session 3	Session 4
1	Navjot Singh Nagra	Student	Navjot	Navjot	Navjot	Navjot
2	Himanshu Bhawsar	Student	Himanshu	Himanshu	Himanshu	Himanshu
3	Avinash Chandel	Student	Avinash	Avinash	Avinash	Avinash
4	Ankush Chourasia	Student	Ankush	Ankush	Ankush	Ankush
5	Anand kumar kushwaha	Student	Anand	Anand	Anand	Anand
6	Abhijeet kaul	Student	Abhijeet	Abhijeet	Abhijeet	Abhijeet
7	Sourav Ghode	Student	Sourav	Sourav	Sourav	Sourav
8	Abhyuday Singh	Student	Abhyuday	Abhyuday	Abhyuday	Abhyuday
9	Amber Kumar Dwivedi	Student	Amber	Amber	Amber	Amber
10	Vikram Singh	Student	Vikram	Vikram	Vikram	Vikram
11	Chandan Chopra	Student	Chandan	Chandan	Chandan	Chandan
12	Bhavesh Dwivedi	Student	Bhavesh	Bhavesh	Bhavesh	Bhavesh
13	Jitendra Singh Chouhan	Student	Jitendra	Jitendra	Jitendra	Jitendra
14	Sapnesh Pal	Student	Sapnesh	Sapnesh	Sapnesh	Sapnesh
15	Ajay Singh	Student	Ajay	Ajay	Ajay	Ajay
16	Vibhum Tripathi	Student	Vibhum	Vibhum	Vibhum	Vibhum
17	Prashant Rathore	Student	Prashant	Prashant	Prashant	Prashant
18	Punit Shinde	Student	Punit	Punit	Punit	Punit
19	Piyush Kumar	Student	Piyush	Piyush	Piyush	Piyush
20	Yashoditya Singh Jodha	Student	Yashoditya	Yashoditya	Yashoditya	Yashoditya
21	Gyanoday Jaiswal	Student	Gyanoday	Gyanoday	Gyanoday	Gyanoday
22	Mukesh Sharma	Research Scholar	Mukesh	Mukesh	Mukesh	Mukesh
23	Vishal Kapadnis	Industry Professional	Vishal	Vishal	Vishal	Vishal
24	Pratik Patel	Industry Professional	Pratik	Pratik	Pratik	Pratik
25	Sanjay Bhatnagar	Industry Professional	Sanjay	Sanjay	Sanjay	Sanjay
26	Pawan Saraswat	Industry Professional	Pawan	Pawan	Pawan	Pawan
27	Bhagyashree Buchade	Industry Professional	Bhagyashree	Bhagyashree	Bhagyashree	Bhagyashree
28	Mohit Singh Kushwaha	Student	Mohit	Mohit	Mohit	Mohit



Date: 10.04.19

S. No.	Name	Category	Attendance			
			Session 1	Session 2	Session 3	Session 4
1	Navjot Singh Nagra	Student	Navjot	Navjot	Navjot	Navjot
2	Himanshu Bhawasar	Student	Himanshu	Himanshu	Himanshu	Himanshu
3	Avinash Chandel	Student	Avinash	Avinash	Avinash	Avinash
4	Ankush Chourasia	Student	Ankush	Ankush	Ankush	Ankush
5	Anand kumar kushwaha	Student	Anand	Anand	Anand	Anand
6	Abhijeet kaul	Student	Abhijeet	Abhijeet	Abhijeet	Abhijeet
7	Sourav Ghode	Student	Sourav	Sourav	Sourav	Sourav
8	Abhyuday Singh	Student	Abhyuday	Abhyuday	Abhyuday	Abhyuday
9	Amber Kumar Dwivedi	Student	Amber	Amber	Amber	Amber
10	Vikram Singh	Student	Vikram	Vikram	Vikram	Vikram
11	Chandan Chopra	Student	Chandan	Chandan	Chandan	Chandan
12	Bhavesh Dwivedi	Student	Bhavesh	Bhavesh	Bhavesh	Bhavesh
13	Jitendra Singh Chouhan	Student	Jitendra	Jitendra	Jitendra	Jitendra
14	Sapnesh Pal	Student	Sapnesh	Sapnesh	Sapnesh	Sapnesh
15	Ajay Singh	Student	Ajay	Ajay	Ajay	Ajay
16	Vibhum Tripathi	Student	Vibhum	Vibhum	Vibhum	Vibhum
17	Prashant Rathore	Student	Prashant	Prashant	Prashant	Prashant
18	Punit Shinde	Student	Punit	Punit	Punit	Punit
19	Piyush Kumar	Student	Piyush	Piyush	Piyush	Piyush
20	Yashoditya Singh Jodha	Student	Yashoditya	Yashoditya	Yashoditya	Yashoditya
21	Gyanoday Jaiswal	Student	Gyanoday	Gyanoday	Gyanoday	Gyanoday
22	Mohit Singh Kushwah	Student	Mohit	Mohit	Mohit	Mohit
23	Mukesh Sharma	Research Scholar	Mukesh	Mukesh	Mukesh	Mukesh
24	Vishal Kapadnis	Industry Professional	Vishal	Vishal	Vishal	Vishal
25	Pratik Patel	Industry Professional	Pratik	Pratik	Pratik	Pratik
26	Sanjay Bhatnagar	Industry Professional	Sanjay	Sanjay	Sanjay	Sanjay
27	Pawan Saraswat	Industry Professional	Pawan	Pawan	Pawan	Pawan
28	Bhagyashree Buchade	Industry Professional	Bhagyashree	Bhagyashree	Bhagyashree	Bhagyashree



Date: 11.04.19

S. No.	Name	Category	Attendance			
			Session 1	Session 2	Session 3	Session 4
1	Navjot Singh Nagra	Student	Navjot	Navjot	Navjot	Navjot
2	Himanshu Bhawsar	Student	Himanshu	Himanshu	Himanshu	Himanshu
3	Avinash Chandel	Student	Avinash	Avinash	Avinash	Avinash
4	Ankush Chourasia	Student	Ankush	Ankush	Ankush	Ankush
5	Anand Kumar Kushwaha	Student	Anand	Anand	Anand	Anand
6	Abhijeet Kaul	Student	Abhijeet	Abhijeet	Abhijeet	Abhijeet
7	Sourav Ghode	Student	Sourav	Sourav	Sourav	Sourav
8	Abhyuday Singh	Student	Abhyuday	Abhyuday	Abhyuday	Abhyuday
9	Amber Kumar Dwivedi	Student	Amber	Amber	Amber	Amber
10	Vikram Singh	Student	Vikram	Vikram	Vikram	Vikram
11	Chandan Chopra	Student	Chandan	Chandan	Chandan	Chandan
12	Bhavesb Dwivedi	Student	Bhavesb	Bhavesb	Bhavesb	Bhavesb
13	Jitendra Singh Chouhan	Student	Jitendra	Jitendra	Jitendra	Jitendra
14	Sapnesh Pal	Student	Sapnesh	Sapnesh	Sapnesh	Sapnesh
15	Ajay Singh	Student	Ajay	Ajay	Ajay	Ajay
16	Vibhum Tripathi	Student	Vibhum	Vibhum	Vibhum	Vibhum
17	Prashant Rathore	Student	Prashant	Prashant	Prashant	Prashant
18	Punit Shinde	Student	Punit	Punit	Punit	Punit
19	Piyush Kumar	Student	Piyush	Piyush	Piyush	Piyush
20	Yashoditya Singh Jodha	Student	Yashoditya	Yashoditya	Yashoditya	Yashoditya
21	Gyanodaya Jaiswal	Student	Gyanodaya	Gyanodaya	Gyanodaya	Gyanodaya
22	Mohit Singh Kushwain	Student	Mohit	Mohit	Mohit	Mohit
23	Mukesh Sharma	Research Scholar	Mukesh	Mukesh	Mukesh	Mukesh
24	Vishal Kapadnis	Industry Professional	Vishal	Vishal	Vishal	Vishal
25	Pratik Patel	Industry Professional	Pratik	Pratik	Pratik	Pratik
26	Sanjay Bhatnagar	Industry Professional	Sanjay	Sanjay	Sanjay	Sanjay
27	Pawan Saraswat	Industry Professional	Pawan	Pawan	Pawan	Pawan
28	Bhagyashree Buchade	Industry Professional	Bhagyashree	Bhagyashree	Bhagyashree	Bhagyashree



Department of Mechanical Engineering

Feedback for Internship on "CNC Milling Programming & Operation"

Organized by

Department of Mechanical Engineering Indore Institute of Science & Technology Indore (M.P.) - 453331

* Required

1. Email address *

2. Salutation of Participants*

Mark only one oval.

☐ Dr.

☐ Prof.

☐ Mr.

☐ Mrs.

☐ Miss.

3. Participant Name (Same as Required on Certificate) *

4. Contact No. *



5. Your Profession

** Mark only one oval.*

☒ Teaching Faculty Research

☐ Scholar Technocrat

☐ Industry Person Student

☐ (UG)

☐ Other

6. College / Institute / Organization Name *

7. City *

8. State *

9. Was the session's Speaker related to Internship Theme? *

Mark only one oval.

☒ Yes

☐ No

10. Overall rating of the speaker's expertise? *



Mark only one oval

1 2 3 4 5

Poor

Excellent

11. Was the Internship useful & informative? *

Mark only one oval.

☒ Yes

☐ No

12. Do you think, the Internship was helpful in enhancing your knowledge towards the CNC? *

Mark only one oval.

☒ Yes

☐ No

13. Your Valuable Comments/Suggestions about Internship: *



Response of participants on workshop of "Self Concept & EQ" 3rd April 18

S. No.	Participant Name	Email-id	Contact Number	Q. 4	Q. 5	Q. 6	Q. 7	Q. 8	Q. 9	Q. 10	Q. 11
1	Ashutosh Singh	ashutosh27@gmail.com	967010292	5	Yes	5	Yes	5	Yes	5	College promotions
2	Vishodha Singh Jodha	vishodhasingh2016@bhojoreinstitute.com	8871064790	4	Yes	5	Yes	4	Yes	5	College promotions
3	Avinash Chandel	avinashchandel2016@bhojoreinstitute.com	9755511724	5	Yes	4	Yes	4	Yes	4	College promotions
4	SAPNESH PAL	sapneshpal24@gmail.com	7000581217	4	Yes	4	Yes	4	Yes	4	College promotions
5	Himanshu Bhowar	hishwar24@gmail.com	766929932	5	Yes	4	Yes	4	Yes	4	College promotions
6	SAPNESH PAL	sapneshpal24@gmail.com	7000581217	4	Yes	4	Yes	4	Yes	4	College promotions
7	Arundh Singh Chouhan	arundh1999@gmail.com	7000581217	4	Yes	4	Yes	4	Yes	4	College promotions
8	Narvot Singh Nagra	narvotsingh10@gmail.com	8839217873	5	Yes	4	Yes	4	Yes	4	College promotions
9	Gyanodaya Jaiswal	gyanodaya07@gmail.com	788933678	5	Yes	4	Yes	4	Yes	4	College promotions
10	Prashant Rathore	prashant.rathore2008@gmail.com	7247503670	5	Yes	4	Yes	4	Yes	4	College promotions
11	Mohit Singh Rathiwal	mohit11797163@gmail.com	9111797103	5	Yes	4	Yes	4	Yes	4	College promotions
12	Piyush Kumar	piyush23@gmail.com	9589372846	5	Yes	4	Yes	4	Yes	4	College promotions
13	Bhagyashree	bhagyashreebhadre3031@gmail.com	8871603792	4	Yes	4	Yes	4	Yes	4	College promotions
14	Ankush Chourasia	ankushchourasia07@gmail.com	7890647560	5	Yes	4	Yes	4	Yes	4	College promotions
15	Vishal Kapadia	vishal.kapadia@shaktipumps.com	9106909471	5	Yes	4	Yes	4	Yes	4	College promotions
16	Pratik Patel	pratik.pratik.244@gmail.com	8347475676	4	Yes	4	Yes	4	Yes	4	College promotions
17	Anand Kumar Kuthwaha	anandk1512@gmail.com	8839186355	5	Yes	4	Yes	4	Yes	4	College promotions
18	Punit Shinde	punitshinde811@gmail.com	9174973690	5	Yes	4	Yes	4	Yes	4	College promotions
19	Vikram Singh	singhvikram12379@gmail.com	9005459441	5	Yes	4	Yes	4	Yes	4	College promotions
20	Abhishek Kaul	Abhishekkaul44@gmail.com	9928064919	5	Yes	4	Yes	4	Yes	4	College promotions
21	Sanjay Bhargava	sanjay.bhargava@shaktipumps.com	7399910761	4	Yes	4	Yes	4	Yes	4	College promotions
22	Ajay Singh	ajaysingh15@gmail.com	9522323641	5	Yes	4	Yes	4	Yes	4	College promotions
23	Chandan Chopra	Chandan Chopra92@gmail.com	7773852111	5	Yes	4	Yes	4	Yes	4	College promotions
24	Ankur Kumar Dwivedi	ankurkumardwivedi92@gmail.com	9106312558	4	Yes	4	Yes	4	Yes	4	College promotions





QUALITY CIRCLE FORUM OF INDIA



Certificate

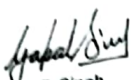
This Certificate is awarded to
Ankush Chourasia
Indore Institute of Science and Technology
For Participating and completing

Organised by QCFI, Bhilai Chapter in association with IIST Indore

Conducted at IIST Campus, Indore (M.P.)

From 09.04.2019 to 11.04.2019


K.K. Singh
Chairman (QCFI-Bhilai Chapter)


G.P. Singh
Director I/c (QCFI-Central Zone)



QUALITY CIRCLE FORUM OF INDIA



Certificate

This Certificate is awarded to
Himanshu Bhawar
Indore Institute of Science and Technology
For Participating and completing

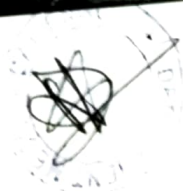
Organised by QCFI, Bhilai Chapter in association with IIST Indore

Conducted at IIST Campus, Indore (M.P.)

From 09.04.2019 to 11.04.2019


K.K. Singh
Chairman (QCFI-Bhilai Chapter)


G.P. Singh
Director I/c (QCFI-Central Zone)





QUALITY CIRCLE FORUM OF INDIA



Certificate

This Certificate is awarded to

Abhijeet Kaul

Indore Institute of Science and Technology

For Participating and completing

Organised by QCFI, Bhilai Chapter in association with IIST Indore

Conducted at IIST Campus, Indore (M.P.)

From 09.04.2019 to 11.04.2019

K.K. Singh
Chairman (QCFI-Bhilai Chapter)

G.P. Singh
Director IIC (QCFI-Central Zone)





QUALITY CIRCLE FORUM OF INDIA



Certificate

This Certificate is awarded to

Chandan Chopra

Indore Institute of Science and Technology

For Participating and Achieved Certificate of Merit End

"Training on Quality Concepts and Problem Solving Tools & Techniques"

Organised by QCFI, Bhilai Chapter in association with IST Indore

Conducted at IST Campus, Indore (M.P.)

From 09.04.2019 to 11.04.2019

K.K. Singh

Chairman (QCFI Bhilai Chapter)

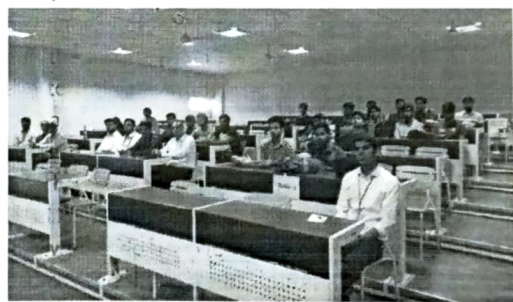
K.K. Singh

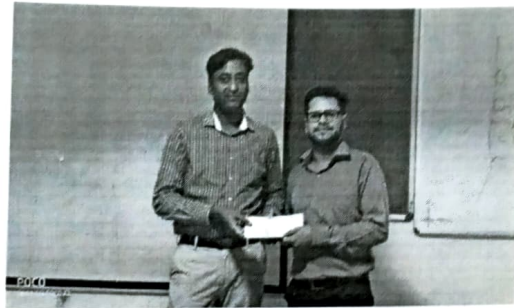
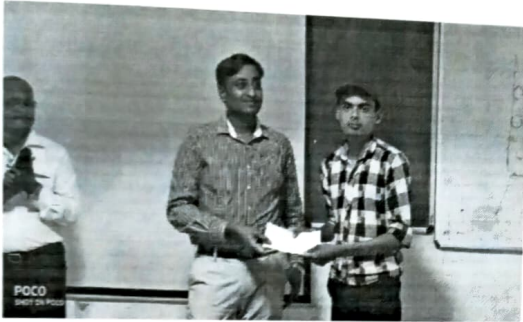
Secretary to QCFI Central Board



Three day workshop on "Quality Circle Concepts and Problem Solving Tools & Techniques" by Mr. Sunil Trivedi (Head of Training Activities (QCFI Bhilai Chapter) & Sr. Analyst, Bhilai Steel Plant) from 9th – 11th April 2019
Organized by Quality Circle Forum of India, Bhilai Chapter in association with Department of Mechanical Engineering, Indore Institute of Science & Technology

A three day workshop on "Quality Circle Concepts & Problem Solving Techniques" was organized by Quality Circle Forum of India, Bhilai Chapter in association with Department of Mechanical Engineering, Indore Institute of Science & Technology. The aim of the program was to help the participants, operate autonomously to solve day to day problems in a team and promote self and mutual development and improve quality of life through leaning quality circle tools and techniques. This workshop is a step to bridge the gap between the institute and industry. Also, in order to meet the requirement of the industries, institute has taken the initiative to train the students on quality concepts well before reaching the industries. Students of the institute, research scholar and industrial professionals were the participant of the workshop. **The total number of participants for this workshop was 28, out of which 23 were students, 5 professionals from Shakti Pumps India Ltd. & SINTEX BAPL, and 1 research scholar from DAVV, Indore.** Shri Sunil Trivedi (Head of Training activities, QCFI Bhilai Chapter & Senior Analyst Bhilai Steel Plant) and Dr. Vivek Mishra (EWC member, QCFI Bhilai Chapter & Asso. Prof., IIST) were the trainers for the day three day workshop. The workshop begins with inaugural session in presence of Shri Sunil Trivedi, Shri Arun S. Bhatnagar (Director General, Indore Institute), Shri Mukesh Tiwari (CAO, Indore Institute), Dr. V. R. Raghuveer (Principal, IIST), faculties and the participants. Later on participants learned about quality circle tools (brainstorming, cause & effect diagram, control chart, histogram, Pareto chart, scatter diagrams) and problem solving techniques through hands on session during the workshop. At the end of the workshop certificates of merit and participation were distributed to the participants. QCFI Bhilai chapter had also given reward to the meritorious students of the workshop.





Department of Mechanical Engineering

S. No	Name of Activity	Event Type	PO-PSO-PEO Mapping
1	Quality Concepts and Problem Solving Tools and Techniques	Workshop	PO1, PO5, PO9, PO10, PO12

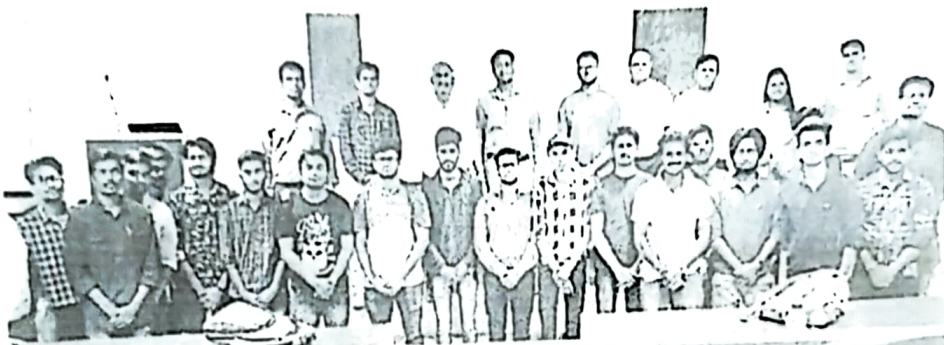


INDORE, FRIDAY
10/05/2019

16 पत्रिका

आइआइएसटी कॉलेज में वर्कशॉप

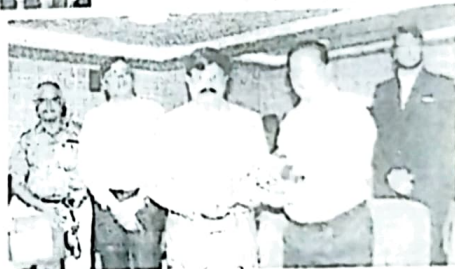
‘क्वालिटी सर्कल के कारण जापानी प्रोडक्ट हैं विश्वसनीय’



पत्रिका PLUS रिपोर्टर

इंदौर ♦ किसी भी कंपनी की ग्रोथ उसके उत्पादों की क्वालिटी पर निर्भर करती है। जापान में क्वालिटी के मानकों का बहुत ज्यादा ध्यान रखा जाता है, जिसके कारण वहां के उत्पादों पर दुनिया भर का भरोसा है। वहीं चीन की ज्यादातर कंपनियां क्वालिटी सर्कल से मानकों पर ध्यान नहीं देती, जिससे उनके उत्पादों पर हमेशा संशय बना रहता है। यह विचार आइआइएसटी कॉलेज में आयोजित वर्कशॉप को संबोधित करते हुए मुख्य अतिथि भिलाई स्टील प्लांट के डीजीएम और क्यूसीएफआई के डायरेक्टर जीपी सिंह ने कही।

विद्यार्थियों, शिक्षकों और औद्योगिक पेशेवरों में जागरूकता लाने के लिए क्वालिटी सर्कल फोरम के साथ मिलकर की गई तीन दिवसीय कार्यशाला को संबोधित करते हुए जीपी सिंह ने कहा, ग्राहक का भरोसा जीतना सबसे ज्यादा जरूरी होता है। उत्पाद की क्वालिटी को कंट्रोल करने के लिए कई तरीके चलन में हैं, जिनमें एक क्वालिटी सर्कल



और फाइव एस हैं। उन्होंने कहा, क्वालिटी सर्कल के टूल और तकनीक का उपयोग करके कोई भी संस्थान काफी ऊंचाइयों पर जा सकता है।

कार्यशाला के मुख्य प्रशिक्षक हेड ट्रेनिंग एक्टिविटी क्यूसीएफआई भिलाई चेप्टर एवं वरिष्ठ विश्लेषक, भिलाई स्टील प्लांट सुनील द्विवेदी ने क्वालिटी सर्कल के विभिन्न टूल की जानकारी दी। इस कार्यशाला में इंजीनियरिंग के छात्रों के साथ रिसर्च स्कॉलर्स, शक्ति पंप, सिटैक्स, बीएपीएल जैसे उद्योगों के अधिकारियों ने हिस्सा लिया। मुख्य प्रशिक्षकों के साथ प्राचार्य डॉ. वीआर रघुवीर भी मौजूद रहे। आभार एचओडी विवेक मिश्रा ने माना।

(Handwritten signature and stamp)

(Handwritten signature)



Quality Circle workshop organised

A workshop was organised on Quality Circle at Indore Institute of Science and Technology (IIST) on Thursday. Director of QCFC Central India and DGM Bhilai Steel Plant G P Singh was the chief guest of the workshop. In his address, he said growth of a company depends on the quality of its products. These quality standards are taken very seriously in Japan due to which its products are trusted worldwide. Most of companies in China do not pay attention to quality standards and their products are always seen with doubt, he added. Apart from engineering students, professionals from Research Circle, Shakti Pump, Sintex BAPL and many other companies participated in the workshop.

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INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

ACTIVITY NAME: Workshop on “Quality Concepts”

DATE OF ACTIVITY: 29th MAY – 2nd June, 2020

**ACTIVITY COORDINATOR: Dr. VIVEK MISHRA &
Mr. SUVEER DUBEY**

Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free: 1800 103 3069



Activity Report

Academic Year: 2019-2020

Session: Jan-June 2020

Name of Event: Workshop on "Quality Concepts"

Date of Event: 29th May 2020 to 02nd June 2020

Topic: Quality Concepts

Organizing Dept.: ME DEPTT.,

Event Coordinator: Dr. Vivek Mishra & Mr. Suveer Dubey

Name of Partner / co-organizer (If Industry is involved):

Address:

Contact No.:

Email Id:

Name of Industry Representative:

Contact No.:

Email Id:

Name of Expert/Guest: Dr. Vivek Mishra & Mr. Suveer Dubey

Institute / Company: IIST INDORE

Designation: ASSOCIATE PROF. & ASST. PROF., Department: ME

Address: Opposite Indian Institute of Management, Rau – Pithampur Rd, Rau, Indore,

Contact No.: 7987105004

Email Id: vivek.mishra@indoreinstitute.com /
suveer.dubey@indoreinstitute.com

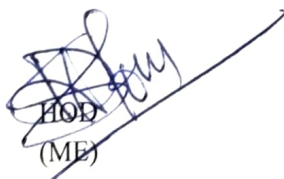
Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
1	13	ME	-	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)


HOD
(ME)

Principal



Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free: 1800 103 3069



APPROVAL LETTER

Date: 20/05/2020

To,

The Principal
Indore Institute of Science and Technology
Indore

Subject: Proposal for 20hrs workshop on "Quality Concepts"

Respected sir,

We would like to initiate workshop activity at institute level. The workshop will be of 20 hrs for our 3rd year undergraduate students, so that they have hands on practice on **Quality Concepts**. The proposal for the program is attached with this application. We also request you to kindly provide necessary facilities to make this program successful.

Thanking You

Yours faithfully

Dr. Vivek Mishra
Associate Professor
Mechanical Engineering Department
IIST Indore



Principal



Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free: 1800 103 3069



Date: 25/05/2020

Notice

This is to inform all the 3rd year Mechanical Engineering students that Workshop on Quality Concepts will be organized between 29th May – 2nd June 2020 from 10.00-12.00 NOON and 01:00-03:00 PM.

The session will be taken by Prof. Vivek Mishra and Prof. Suveer Dubey.

It is mandatory to all students to attend the session.


Faculty
(ME)


HOD



Objective:

- Quality Circle
- Seven QC tools - Cause and Effect diagram, Histogram, Pareto Diagram, Control Chart, Scatter diagram, Stratification
- Problem solving steps

Outcome:

- Students will understand the concept of quality circle
- Students will understand the various quality concepts tools used for problem solving
- Students will learn the 12 basic steps of quality circle for problem solving



Resource Persons**Dr. Vivek Mishra**

Dr. Vivek Mishra has been associated with Indore Institute of Science & Technology (IIST), Indore since February 01, 2019 and presently working as an Associate Professor in Mechanical Engineering Department. He has more than 12 years of teaching and research experience. He has more than 15 research publications. He is also the executive working committee member of QCFL, Bhilai Chapter since August 2017. He has contributed in organising the Quality Circle conventions at chapter as well as national level. He has delivered many expert talks at national level. He has conducted a number of workshops on Quality Concepts for students as well as industry persons. His area of interest includes composite materials, wear, optimization and quality concepts. Dr. Mishra has completed his PhD from NIT Rourkela and MTech from MANIT Bhopal.

**Prof. Suveer Chandra Dubey**

Suveer Chandra Dubey has been associated with Indore Institute Of Science & Technology (IIST), Indore since January 02, 2019 and presently working as a Assistant Professor in Mechanical Engineering Department. He has nearly more than ten years of teaching experience. He is doing his PhD from MUJ, Jaipur and has done post-graduation (M.Tech.) in Mechanical Engineering from MANIT, Bhopal and graduated in Mechanical Engineering from TIT, Bhopal. He has attended various national conferences & workshops on various disciplines of Mechanical Engineering. His area of interest includes Fluid Mechanics, Composite Materials, etc. He has successfully coordinated many academic activities like coordinator of discipline committee, industrial visit and seminars for the students.

Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331
Toll Free: 1800 103 3069



Organising Institute Profile

Indore Institute of Science & Technology (IIST) is established in the year 2003, is amongst the Top 5 Engineering Colleges of Indore. The Engineering Institute is approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to RGPV Bhopal, offering Bachelor's degree in CSE, IT, EC, Civil, Chemical and Mechanical Engineering and Master's Degree in CSE, Machine Design and Digital Communication. The group's Pharmacy Institute (IIP) is approved by AICTE and Pharmacy Council of India (PCI), New Delhi, Affiliated to RGPV Bhopal, offering Diploma (D. Pharm), Undergraduate (B. Pharm) and Post Graduate programs (M. Pharm in Pharmaceutics & Quality Assurance). The group's Management Institute (IIMR) is approved by AICTE, Delhi; Department of Technical Education and Department of Higher Education, Government of M.P. and is affiliated to Devi Ahilya Vishwa Vidhyalaya, Indore, offering MBA, BBA – Foreign Trade, BBA – Plain, B.Com (Hons.), B.Sc (Computer Science, Maths and Statistics).

IIST group of institutions are committed to enhancing the employability Quotient of the students with Holistic Development. Towards this objective, institute has dedicated SIGs on emerging areas apart from 27 clubs for extracurricular activities, games & sports. The various SIGs focus on the Capacity building of the faculty and students and enable them to take up the activities related to workshop, research and development in the emerging fields. The Career Development Cell (CDC) helps in enhancing the Aptitude and Soft Skills of the students in order to strengthen them to get better career opportunity. The Placement, Entrepreneurship and Career Advancement (PECA) Cell helps them in activities other than placements like Entrepreneurship Development or equipping themselves for higher studies etc. IIST group of Institutes has a very good Industry-Academia tie ups to bridge the gap between the requirements of the Industry and university driven regular curriculum, through International/National Certification courses. Code of Competence and emphasis on quality at every level right from the Institute canteen (wherein we provide organic vegetables freshly grown in our agricultural fields under Green Waves Club) to class room teaching by adopting best practices, is our prime motto.

Course Content

Date	Topic
29/5/2020	<ul style="list-style-type: none"> • Introduction to Quality Circle • Brainstorming concept with all three type Formation of group and Syndicate task on brain storming with slip method and free wheel later on converted to Round robin • Cause and effect Diagram and syndicate task • Preparation of C & E on flip chart
30/5/2020	<ul style="list-style-type: none"> • Flow Diagram (All three type) and Syndicate task for all three group wise • Graphs: Line Graph, Bar graph, Pie Chart, Pictorial Graph, Belt Graph & Radar Chart • Graphs: Float Graph, Zee Graph, Pyramid or Side by Side graph, Compound Graph, Pareto Diagram • Type of data and data collection
01/06/2020	<ul style="list-style-type: none"> • Stratification of data and Scatter Diagram • Histogram • Introduction of control chart (Limit and Error) • Variable Control Chart
02/06/2020	<ul style="list-style-type: none"> • Identification of Problem: Through available data or through Brain storming and Selection of Problem: ranking/Priority or Evaluation Decision matrix • Preparation of Mile stone chart and deference between mile stone and Gant Chart, Defining of Problem and Analysis of problem using 4W + 1H • Finding out causes and Root cause and data analysis on root causes and Development of solution and Foreseeing Probable resistance • PDCA Cycle Trail Implementation and Follow-up review.



Workshop on "Quality Concepts"

LIST OF PARTICIPANTS

S. NO.	ENROLLMENT NO.	NAME OF PARTICIPANT
1	0818ME171001	CHETAN PATIDAR
2	0818ME171004	DISHANK SHARMA
3	0818ME171005	GOVIND SINGH SOLANKI
4	0818ME171008	KAPIL SANVALE
5	0818ME171009	KRISHNA NAND GUPTA
6	0818ME171010	NIKHIL MANDLOI
7	0818ME171012	SHUBHAM ASKEY
8	0818ME171013	SWAPNIL CHOUDHARY
9	0818ME171014	TARUN SINGH
10	0818ME171016	V HARSHWARDHAN
11	0818ME171017	YASH MODI
12	0818EC171004	NITIN MANKAR
13	0818ME183D01	CHETAN PARMAR



ATTENDANCE SHEET

S.No.	Name of Participant	29.05.2020		30.05.2020		01.06.2020		02.06.2020		Total	Attendance (%)
		I	II	I	II	I	II	I	II		
1	CHETAN PATIDAR	P	P	P	A	P	P	P	P	7	88%
2	DISHANK SHARMA	P	P	A	P	P	P	P	P	7	88%
3	GOVIND SINGH SOLANKI	P	P	P	P	P	P	P	P	8	100%
4	KAPIL SANVALE	P	P	A	P	P	P	P	P	7	88%
5	KRISHNA NAND GUPTA	P	P	P	P	P	P	P	P	8	100%
6	NIKHIL MANDLOI	P	P	P	P	P	A	A	P	6	75%
7	SHUBHAM ASKEY	P	A	P	P	P	P	P	P	7	88%
8	SWAPNIL CHOUDHARY	P	P	P	P	P	P	P	P	8	100%
9	TARUN SINGH	P	A	P	P	A	P	P	P	6	75%
10	V HARSHWARDHAN	P	P	P	P	P	P	P	P	8	100%
11	YASH MODI	P	P	P	P	P	A	P	P	7	88%
12	NITIN MANKAR	A	P	P	P	P	P	P	P	7	88%
13	CHETAN PARMAR	P	A	P	P	P	P	A	P	6	75%

[Signature]
Faculty Coordinator



Event Feedback form

Workshop on "Quality Concepts"

Date: 02.06.2020

S.No.	
1.	The trainer was having complete knowledge of the subject <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
2.	The trainer was well-prepared for the sessions <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
3.	The content of the workshop was useful. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
4.	The content of the workshop was well-planned. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
5.	The Content delivery by the trainer was excellent. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
6.	The knowledge and skills gained from the workshop helped me in improve my skills. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
7.	The technical aspects covered were of advanced level <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
8.	The workshop has met the stated objectives fully. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
9.	I would be interested in attending more workshop programmes like this <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
10.	Are you satisfied with this event <input type="radio"/> Strongly Satisfied <input type="radio"/> Satisfied <input type="radio"/> Partially Satisfied <input type="radio"/> Unsatisfied <input type="radio"/> Don't know



QUESTION WISE FEEDBACK SUMMARY

Workshop on "Quality Concepts"

Date 02.06.2020

	Strongly Agree (5)	Agree (4)	Neutral (3)	Partially Agree (2)	Disagree (1)	COUNT	TOTAL
Q-1	10	1	2	0	0	13	60
Q-2	9	3	1	0	0	13	60
Q-3	9	2	2	0	0	13	59
Q-4	10	2	1	0	0	13	61
Q-5	8	3	2	0	0	13	58
Q-6	9	1	3	0	0	13	58
Q-7	9	3	0	0	0	12	57
Q-8	9	2	1	0	0	12	56
Q-9	10	1	1	0	0	12	57
Q-10	8	4	1	0	0	13	59



Certificate Copy



Poster



Workshop on Quality Concepts

29th May – 2nd June 2020

Resource Person

Dr. Vivek Mishra & Mr. Suveer Dubey

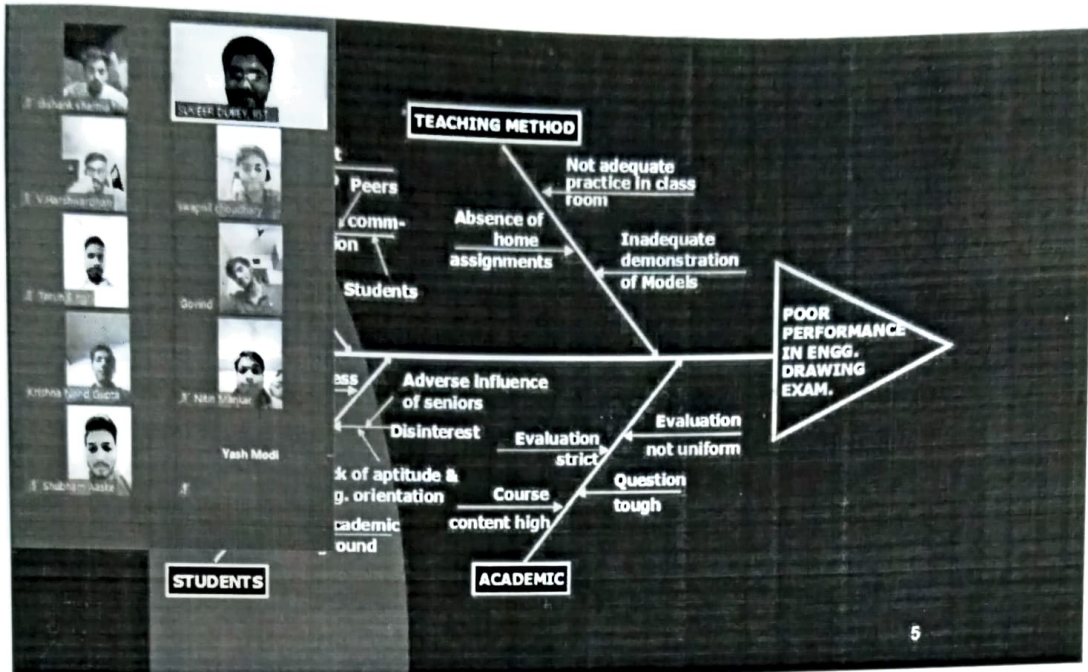
**DEPARTMENT OF MECHANICAL ENGINEERING
INDORE INSTITUTE OF SCIENCE & TECHNOLOGY**



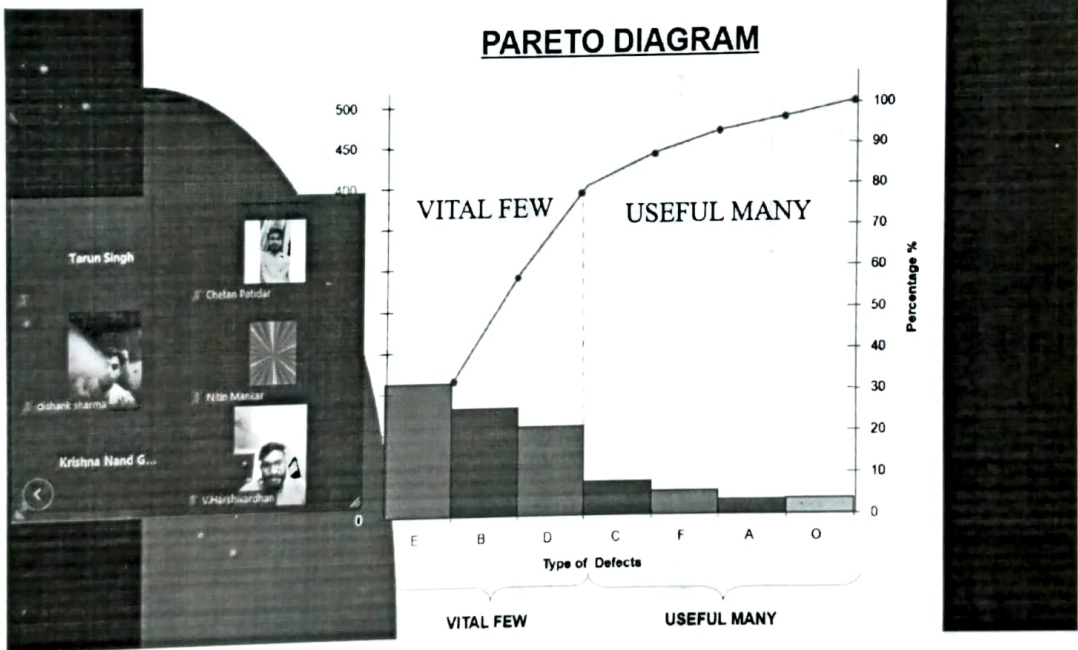
Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free: 1800 103 3069

PHOTOS



PARETO DIAGRAM



Event Summary

A four day (20 hr) workshop session on "Quality Circle" was organized by Department of Mechanical Engineering, Institute of Science & Technology, Indore in association with Quality Circle Forum of India, Bhilai Chapter. The aim of the program was to help the participants, operate autonomously to solve day to day problems in a team and promote self and mutual development and improve quality of life through learning quality circle tools and techniques. This workshop is a step to bridge the gap between the institute and industry. Also, in order to meet the requirements of the industries, the institute has taken the initiative to train the students on quality concepts well before reaching the industries. The total number of participants for this internship program was 13. Dr. Vivek Mishra (EWC member, QCFI Bhilai Chapter & Asso. Prof., IIST) and Mr. Suveer Dubey were the trainers for the day workshop program. The participants learned about quality circle tools (brainstorming, cause & effect diagram, control chart, histogram, Pareto chart, scatter diagrams) and problem solving techniques through hands on session during the internship. At the end of the workshop certificates were distributed to the participants on successful completion of the program.





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

S No	Name of Activity	Event Type	PO/PSO/PEO Mapping
1	Workshop on "Quality Concepts"	Workshop	PO1, PO5, PO10, PO12

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
Bhopal

Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free: 1800 103 3069





INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

ACTIVITY NAME: Workshop on “Quality Concepts”

DATE OF ACTIVITY: 21st Feb, 2022

**ACTIVITY COORDINATOR: Dr. VIVEK MISHRA &
Mr. SUVEER DUBEY**



Date: 22/01/2022

Notice

This is to inform all the 4th year Mechanical Engineering students that Workshop on Quality Concepts is being organized during 21st Feb 2022 to 25th Feb 2022 from 10.00-12.00 NOON and 01:00-03:00 PM.

The session will be taken by Prof. Vivek Mishra and Prof. Suveer Dubey.

It is mandatory for students to attend the session.



Faculty
(ME)



HOD



Activity Report

Academic Year 2021-2022

Session Jan-June 2022

Name of Event Workshop on "Quality Concepts"

Date of Event 21st Feb 2022 to 25th Feb 2022

Topic Quality Concepts

Organizing Dept ME DEPT.,

Event Coordinator Dr Vivek Mishra & Mr Suveer Dubey

Name of Partner / co-organizer (If Industry is involved):

Address:

Contact No.:

Email Id:

Name of Industry Representative:

Contact No.:

Email Id:

Name of Expert/Guest: Dr. Vivek Mishra & Mr. Suveer Dubey

Institute / Company: IIST INDORE

Designation: ASSOCIATE PROF. & ASST. PROF., Department: ME

Address: Opposite Indian Institute of Management, Rau – Pithampur Rd, Rau, Indore,

Contact No.: 7987105004

Email Id: vivek.mishra@indoreinstitute.com

suveer.dubey@indoreinstitute.com

Details of Participants:

No. of Institutes Participated	No. of Students Participated	Department	No. of Industry Representative	Remark if any
		CSE/IT/EC/ME/CM/ESH		
1	32	ME	-	

*Please enclose a detailed list.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)


(ME)


Principal

Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free 1800 103 3069



APPROVAL LETTER

Date: 19/01/2022

To,

The Principal
Indore Institute of Science and Technology
Indore

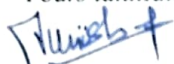
Subject: Proposal for 20 hrs workshop on "Quality Concepts"

Respected sir,

We would like to initiate workshop activity at institute level. The workshop will be of 20 hrs for our 4th year undergraduate students, so that they have hands on practice on **Quality Concepts**. The proposal for the program is attached with this application. We also request you to kindly provide necessary facilities to make this program successful.

Thanking You

Yours faithfully



Dr. Vivek Mishra

Associate Professor

Mechanical Engineering Department

IIST Indore



HOD
ME



Principal

Opposite Indian Institute of Management, Rau - Pithampur Rd, Rau, Indore, M.P. 453331

Toll Free: 1800 103 3069



Objective:

- Quality Circle
- Seven QC tools - Cause and Effect diagram, Histogram, Pareto Diagram, Control Chart, Scatter diagram, Stratification
- Problem solving steps

Outcome:

- Students will understand the concept of quality circle
- Students will understand the various quality concepts tools used for problem solving
- Students will learn the 12 basic steps of quality circle for problem solving



Resource Persons:



Dr. Vivek Mishra

Dr. Vivek Mishra has been associated with Indore Institute of Science & Technology (IIST), Indore since February 01, 2019 and presently working as an Associate Professor in Mechanical Engineering Department. He has more than 12 years of teaching and research experience. He has more than 15 research publications. He is also the executive working committee member of QCFl, Bhilai Chapter since August 2017. He has contributed in organising the Quality Circle conventions at chapter as well as national level. He has delivered many expert talks at national level. He has conducted a number of workshops on Quality Concepts for students as well as industry persons. His area of interest includes composite materials, wear, optimization and quality concepts. Dr. Mishra has completed his PhD from NIT Rourkela and MTech from MANIT Bhopal.

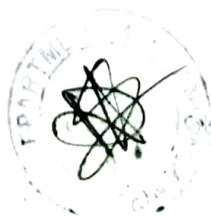


Prof. Suveer Chandra Dubey

Suveer Chandra Dubey has been associated with Indore Institute Of Science & Technology (IIST), Indore since January 02, 2019 and presently working as a Assistant Professor in Mechanical Engineering Department. He has nearly more than ten years of teaching experience. He is doing his PhD from MUJ, Jaipur and has done post-graduation (M.Tech.) in Mechanical Engineering from MANIT, Bhopal and graduated in Mechanical Engineering from TIT, Bhopal. He has attended various national conferences & workshops on various disciplines of Mechanical Engineering. His area of interest includes Fluid Mechanics, Composite Materials, etc. He has successfully coordinated many academic activities like coordinator of discipline committee, industrial visit and seminars for the students.

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Toll Free: 1800 103 3069



Organising Institute Profile

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Course Content

Date	Topic
21/2/2022	<ul style="list-style-type: none"> • Introduction to Quality Circle • Brainstorming concept with all three type Formation of group and Syndicate task on brain storming with slip method and free wheel later on converted to Round robin • Cause and effect Diagram and syndicate task • Preparation of C & E on flip chart
22/2/2022	<ul style="list-style-type: none"> • Flow Diagram (All three type) and Syndicate task for all three group wise • Graphs: Line Graph, Bar graph, Pie Chart, Pictorial Graph, Belt Graph & Radar Chart • Graphs: Float Graph, Zee Graph, Pyramid or Side by Side graph, Compound Graph, Pareto Diagram
23/02/2022	<ul style="list-style-type: none"> • Type of data and data collection • Stratification of data and Scatter Diagram • Histogram
24/02/2022	<ul style="list-style-type: none"> • Introduction of control chart (Limit and Error) • Variable Control Chart • Identification of Problem: Through available data or through Brain storming and Selection of Problem: ranking/Priority or Evaluation Decision matrix
25/02/2022	<ul style="list-style-type: none"> • Preparation of Mile stone chart and deference between mile stone and Gant Chart, Defining of Problem and Analysis of problem using 4W + 1H • Finding out causes and Root cause and data analysis on root causes and Development of solution and Foreseeing Probable resistance • PDCA Cycle Trail Implementation and Follow-up review.



INDORE INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Workshop on "Quality Concepts"

LIST OF PARTICIPANTS

S. No.	Name
1	ADARSH TIWARI
2	AMAN CHOUDHARY
3	AMIT KUMAR BARMAN
4	ANIKET SHARMA
5	ANIL DAS BAIRAGI
6	ANKIT CHOUHAN
7	DEEPAK CHOUDHARY
8	HARSH PARIHAR
9	HEMANT BUDHLANI
10	HERITRAJ SINGH TANWAR
11	HRITIK BAWDIWALA
12	JAYESH PRAJAPAT
13	JINESH KHASGIWALA
14	KANHAIYALAL PANWAR
15	OJASWA DUBEY
16	PRANAY BAWNE
17	PRAVEEN KUMAR YADAV
18	RISHAB SONI
19	RITESH PARMAR
20	ROHIT SHARMA
21	SACHIN MISHRA
22	SANDEEP
23	SANSKAR SHARMA
24	SHADAB KHAN
25	SHIVENDRA SINGH
26	SONU CHOUHAN
27	SUDHIR JHLAYA
28	YASH MAKODE
29	YOGESH BIRLA
30	USMAN GANI KHAN
31	ABHISHEK THAKRE
32	PRADHUMN CHANDRAWAT

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ATTENDANCE SHEET

S.No.	Name	Attendance				
		21.02.2022	22.02.2022	23.02.2022	24.02.2022	25.02.2022
1	ADARSH TIWARI	P	P	P	P	P
2	AMAN CHOUDHARY	P	A	P	P	P
3	AMIT KUMAR BARMAN	P	P	P	P	P
4	ANKET SHARMA	P	P	A	P	P
5	ANIL DAS BAIRAGI	P	P	P	P	P
6	ANKIT CHOUHAN	P	A	P	P	P
7	DEEPAK CHOUDHARY	P	P	P	P	P
8	HARSH PARIHAR	P	P	P	P	P
9	HEMANT BUDHLANI	P	P	P	P	P
10	HERITRAJ SINGH TANWAR	P	P	P	P	P
11	HRIITIK BAWDIWALA	P	P	P	P	P
12	JAYESH PRAJAPATI	P	P	P	P	P
13	JINESH KHASGIWALA	P	P	P	P	P
14	KANHAIYALAL PANWAR	P	P	P	P	P
15	OJASWA DUBEY	P	A	P	P	P
16	PRANAY BAWNE	P	P	P	P	P
17	PRAVEEN KUMAR YADAV	P	P	P	P	P
18	RISHAB SONI	P	P	P	P	P
19	RITESH PARMAR	P	P	P	P	P
20	ROHIT SHARMA	P	P	P	P	P
21	SACHIN MISHRA	P	P	P	P	P
22	SANDEEP	P	P	P	P	P
23	SANSKAR SHARMA	P	P	P	P	P
24	SHADAB KHAN	P	P	P	P	P
25	SHIVENDRA SINGH	P	P	P	P	P
26	SONU CHOUHAN	P	P	P	P	P
27	SUDHIR JHILAYA	P	P	P	P	P
28	YASH MAKODE	P	P	P	P	P
29	YOGESH BIRLA	P	P	P	P	P
30	USMAN GANI KHAN	P	P	P	P	P
31	ABHISHEK THAKRE	P	P	P	P	P
32	PRADHUMN CHANDRAWAT	P	P	P	P	P

1. Adarsh Tiwari
 2. Aman Choudhary
 3. Amit Kumar Barman
 4. Anket Sharma
 5. Anil Das Bairagi
 6. Ankit Chouhan
 7. Deepak Choudhary
 8. Harsh Parihar
 9. Hemant Budhlani
 10. Heritraj Singh Tanwar
 11. Hritik Bawdiwala
 12. Jayesh Prajapati
 13. Jinesh Khasgiwala
 14. Kanhaiyalal Panwar
 15. Ojaswa Dubey
 16. Pranay Bawne
 17. Praveen Kumar Yadav
 18. Rishab Soni
 19. Ritesh Parmar
 20. Rohit Sharma
 21. Sachin Mishra
 22. Sandeep
 23. Sanskar Sharma
 24. Shadab Khan
 25. Shivendra Singh
 26. Sonu Chouhan
 27. Sudhir Jhila
 28. Yash Makode
 29. Yogesh Birla
 30. Usman Gani Khan
 31. Abhishek Thakre
 32. Pradhumn Chandrawat


 Faculty Coordinator
 (ME)

Event Feedback form

Workshop on "Quality Concepts"

Date: 25.02.2022

S.No.	
1.	The trainer was having complete knowledge of the subject <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
2.	The trainer was well-prepared for the sessions <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
3.	The content of the workshop was useful. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
4.	The content of the workshop was well-planned. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
5.	The Content delivery by the trainer was excellent. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
6.	The knowledge and skills gained from the workshop helped me in improve my skills. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
7.	The technical aspects covered were of advanced level <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
8.	The workshop has met the stated objectives fully. <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
9.	I would be interested in attending more workshop programmes like this <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Partially agree <input type="radio"/> Disagree <input type="radio"/> Don't know
10.	Are you satisfied with this event <input type="radio"/> Strongly Satisfied <input type="radio"/> Satisfied <input type="radio"/> Partially Satisfied <input type="radio"/> Unsatisfied <input type="radio"/> Don't know



QUESTION WISE FEEDBACK SUMMARY

Workshop on "Quality Concepts"

Date 25.02.2022

	Strongly Agree (5)	Agree (4)	Neutral (3)	Partially Agree (2)	Disagree (1)	COUNT	TOTAL
Q-1	30	2	0	0	0	32	158
Q-2	28	2	2	0	0	32	154
Q-3	31	0	1	0	0	32	158
Q-4	27	3	2	0	0	32	153
Q-5	26	5	1	0	0	32	153
Q-6	28	3	1	0	0	32	155
Q-7	29	2	2	0	0	33	159
Q-8	31	1	0	0	0	32	159
Q-9	30	1	1	0	0	32	157
Q-10	27	4	1	0	0	32	154



Certificate Copy



Poster



**Workshop
on
Quality Concepts**

21st Feb 2022 to 25th Feb 2022

Resource Person

Dr. Vivek Mishra & Mr. Suveer Dubey

**DEPARTMENT OF MECHANICAL ENGINEERING
INDORE INSTITUTE OF SCIENCE & TECHNOLOGY**



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PHOTOS

-: Stratification :-

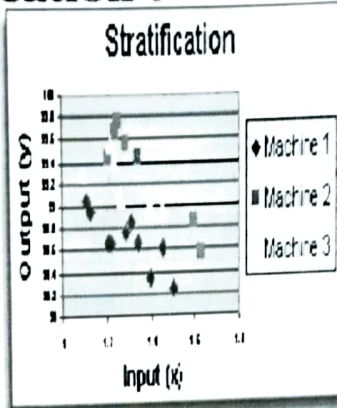
Definition :-

Stratification is a system or formation of layers, classes, or categories. Data collected using check sheets need to be meaningfully classified. Such classification helps gaining a preliminary understanding of relevance and dispersion of data so that further analysis can be planned to obtain a meaningful output. Meaningful classification of data is called stratification. This technique separates the data so that patterns can be seen.

When to Use Stratification?

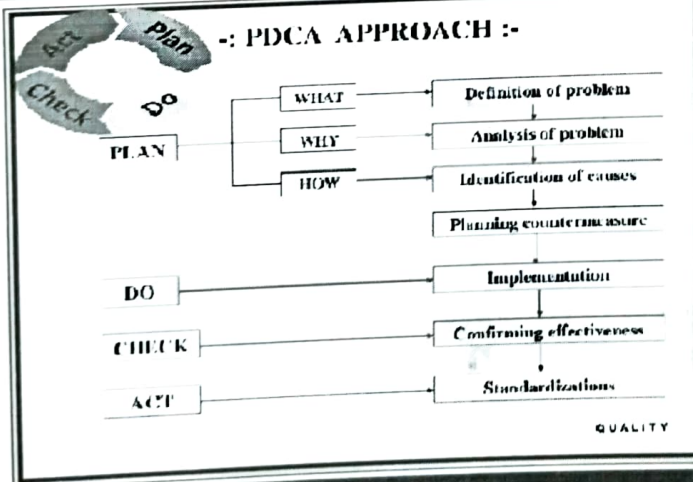
When data come from several sources or conditions, such as shifts, days of the week, suppliers or population groups.

When data analysis may require separating different sources or conditions.



Quality Improvement Problem Solving

-: PDCA APPROACH :-



Event Summary

A Five day (20 hr) workshop session on "Quality Circle" was organized by Department of Mechanical Engineering, Institute of Science & Technology, Indore in association with Quality Circle Forum of India, Bhilai Chapter. The aim of the program was to help the participants, operate autonomously to solve day to day problems in a team and promote self and mutual development and improve quality of life through learning quality circle tools and techniques. This workshop is a step to bridge the gap between the institute and industry. Also, in order to meet the requirements of the industries, the institute has taken the initiative to train the students on quality concepts well before reaching the industries. The total number of participants for this internship program was 32. Dr. Vivek Mishra (EWC member, QCFI Bhilai Chapter & Asso. Prof., IIST) and Mr. Suveer Dubey were the trainers for the day internship program. The participants learned about quality circle tools (brainstorming, cause & effect diagram, control chart, histogram, Pareto chart, scatter diagrams) and problem solving techniques through hands on session during the workshop. At the end of the workshop certificates were distributed to the participants on successful completion of the program.



Event Summary

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INDORE INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

S.No	Name of Activity	Event Type	PO/PSO/PEO Mapping
1	Workshop on "Quality Concepts"	Workshop	PO1, PO5, PO10, PO12

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