



CHRIST COLLEGE - PUNE

Academic Year: 2022 - 2023

Department of Computer Science

Activity Report

Type of Activity: **International Conference**

Activity Name: Technology Foresights in Research and Innovation in
the field of Science

Date of the Activity: 2 -03 June 2023

Resource Person: 1. Dr. Chandrani Singh 2. Dr. Ezhil Mary 3. Dr.
Vishwas Patil

Activity Co-Ordinator: Mrs Nilima Shingate

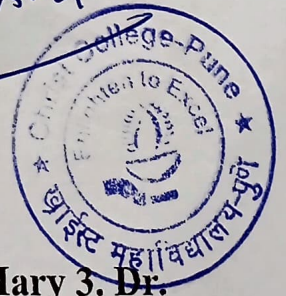


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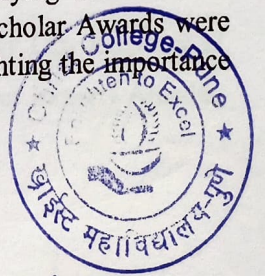
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Activity Report

About the Activity

General Report: The International Conference on “Technological Foresights in Research and Innovation in the Field of Science”, held in a hybrid mode on June 2-3, 2023, provided a platform for leading experts to discuss the latest advancements in various scientific domains. With a focus on emerging technologies, the conference featured three distinguished speakers: Dr. Chandrani Singh, Dr. Ezhil Mary, and Dr. Vishwas Patil, who presented their insights on Artificial Intelligence (AI), Data Science and Analytics, and Online Social Networks, Blockchain, and Generative AI, respectively. Dr. Chandrani Singh delivered a thought-provoking presentation on the state of Artificial Intelligence (AI). She emphasized the rapid advancements in AI and its profound impact on various industries., she shared her insights on the future of AI, including its potential applications in healthcare, finance, and education. The presentation was well-received by the audience, sparking discussions on the ethical challenges that AI researchers and developers need to address. Dr. Ezhil Mary provided an insightful presentation on Data Science and Analytics, highlighting the pivotal role of data in decision-making across industries. She discussed the importance of data-driven strategies and how various data analysis techniques and the growing demand for skilled data scientists. The audience engaged in discussions about the challenges and opportunities in the field of data science. Dr. Vishwas Patil's presentation was a captivating exploration of the interconnected domains of Online Social Networks, Blockchain, and Generative AI. He discussed real-world applications of blockchain and generative AI in online communities, including decentralized social media platforms and AI-driven content recommendation systems. The audience was enthralled by the potential of these technologies to reshape the digital landscape. The conference featured 42 research papers spanning various scientific disciplines, demonstrating the diverse range of topics explored by researchers. The papers covered cutting-edge research, innovative methodologies, and practical applications, contributing to the collective knowledge in the field of science and technology. Notably, Aparna Vidyanathan received the prestigious Best Paper Award for her outstanding research contribution, exemplifying excellence in scientific inquiry and innovation. Additionally, three Junior Research Scholar Awards were presented to recognize the promising work of young researchers, highlighting the importance of nurturing talent in the scientific community.



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Aims & Objectives:

1. To provide networking and collaboration opportunities for students, professors, and industry specialists in science.
2. To serve as a forum for researchers to communicate their latest findings with others.
3. To provide an environment in which current trends and concerns in the field of research can be addressed.

Learning Outcome:

1. Participants gain in-depth knowledge about the latest advancements and innovations in various scientific fields, staying updated on cutting-edge research.
2. Attendees learn how different scientific domains intersect and how cross-disciplinary collaboration can lead to innovative solutions and discoveries.
3. Inspire participants to think creatively and innovate within their own research or industry contexts.

No. of Students /Teachers benefitted: 82

About the Resource Person

1. Dr. Chandrani Singh

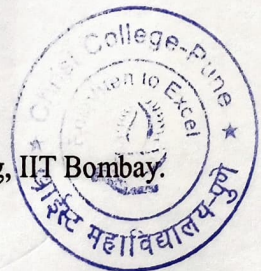
Director - Sinhgad Institute of Management, Pune, Pursuing Post-Doctoral Studies in Information Technology with Lincoln University Malaysia (AIU Accredited), Doctorate in Philosophy in Computer Management, Master of Engineering (Computer Science) and MCA from NIT Rourkela

2. Dr. Ezhil Mary

Doctorate in Computer Science and Engineering Lead Data/ Dev Ops Engineer at Kaiser Permanente (Microsoft certified: Azure Solutions Architect Expert) Arcadia, California, United States

3. Dr. Vishwas Patil

Senior Research Scientist, Dept. of Computer Science and Engineering, IIT Bombay.



Sinhgad

Circular / Notice / Brochure

CARMEL VISHWANATHAN TRUST
CHRIST COLLEGE-PUNE
 In Collaboration With
**ST. JOSEPH'S COLLEGE FOR WOMEN,
 ALAPPUZZHA, KERALA**

**INTERNATIONAL CONFERENCE ON
 EMERGING TECHNOLOGIES 2023 (ICET 23)**

On
**“Technology Foresights in Research and
 Innovation in the field of Science”**
 (In Hybrid Mode)
 2 - 3 June 2023

OBJECTIVE OF THE CONFERENCE

- To provide networking and collaboration opportunities for students, professors, and industry specialists in science.
- To serve as a forum for researchers to communicate their latest findings with others.
- To provide an environment in which current trends and concerns in the field of research can be addressed.



ABOUT THE CONFERENCE

An International Conference ICET 23 on Technology Foresights in Research and Innovation in the field of Science jointly organized by Christ College, Pune and St. Joseph's College for Women, Alappuzha, Kerala aiming to bring academicians and researchers in a collegial and stimulating environment. This conference expects original research submissions from scientists, faculty members and research scholars from various institutions presenting novel research work on all theoretical and practical aspects of pure and applied science.



CONFERENCE THEMES

<h3>Pure and Applied Science</h3> <ul style="list-style-type: none"> • Advances in life science research • Recent Trends in Plant Science • Material Science • Space Physics • Nanomaterials • Mathematics • Biomedical Science • Environmental Science 	<h3>Internet of Things and Robotics</h3> <ul style="list-style-type: none"> • IoT for Affordable Agriculture • Low Power IoT Solutions • Visual Personal Assistants • Robotics in Healthcare, Defense and Space Technology • Wearable Electronics • IoT Security & Privacy • Human-Robot Training and Co-Robots • Drone Technology
<h3>Artificial Intelligence</h3> <ul style="list-style-type: none"> • Assistive Well-Being • Immersive Technology • Brain-Computer Interface • ANN and Evolutionary Algorithms • Computer Vision • Natural Language Processing • AI Ethics • Open AI 	<h3>Technological Innovation</h3> <ul style="list-style-type: none"> • Digitally Enabled Innovation • Innovation & Technology Management • Human-Computer Interaction • Pervasive Computing • Virtual Reality, Augmented Reality and Mixed Reality • Automotive Electronics • Innovation in Material Sciences • Cloud Technologies and Edge Computing
<h3>Data Science and Analytics</h3> <ul style="list-style-type: none"> • Informative Visualization and Predictive Analysis • Role of Data Analytics in Holistic Education • Data Analytics in Banking and Business • Data Analytics for Smart Cities • Nature-Inspired Computing • Optimization techniques • Geoinformatics • Data-Driven Society • Blockchain and Data Mining 	<h3>Communication and Signal Processing</h3> <ul style="list-style-type: none"> • Mobile and Wireless Networks • Microwave Communication • Ad hoc and Sensor Networks • Cognitive Radio • Privacy and Security of Communication Networks • 5G Technology • FMI and Eye-tracking • Music, Speech and Audio Processing • Image and Video Processing

SPEAKERS

- 1. Dr. Chandrani Singh**
 Director - School Institute of Management Pune, Pimpri, Post Graduate Studies in Information Technology with Lincoln University Malaysia (AIE Accredited), Doctorate in Philosophy in Computer Management/Master of Engineering (Computational Science) and MCA from MIT Roorkee
- 2. Dr. Ezhil Mary**
 Doctorate in Computer Science and Engineering Lead Data Dev Ops Engineer at Saker Permanent (Microsoft certified Azure Solutions Architect Expert) Acacia, California, United States
- 3. Dr. Vishvas Patil**
 Senior Research Scientist, Dept. of Computer Science and Engineering, IIT Bombay.

GUIDELINES FOR PAPER SUBMISSION

- The paper should be in word format only.
- Paper format: Single column, A4 size, 1.5-line spacing
- Font style: Times New Roman font size: 14 for headings and 12 for other content
- Sources should be specifically underlined (For Tables, Graphs etc.)
- Cover page should contain Title, Author's affiliation, contact details.
- Word limit: 3500 words (excluding References)
- Keywords: Not less than 5.

Interested Participants need to submit an abstract of their Research Papers not exceeding 250 words. Abstract should contain the essence of the research paper. The authors, whose abstract gets selected are required to submit a full paper which shall include introduction, objectives, need, research methodology, data collection, data analysis, findings, and keywords. APA and IEEE style references only as an MS Word document.

Soft copy of the Abstract and Full paper to be sent to the following Email ID: conference.soc@christcollegepune.org

PUBLICATION DETAILS

After undergoing a rigorous peer review process, all papers will be included in the conference proceedings with ISBN number. Furthermore, the editorial team of UGC care listed and Scopus indexed journals will review the papers, and the high-quality ones will be published in these journals at an additional fee. The name of the journal will be communicated at a later date, depending on its suitability and acceptance.



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IMPORTANT DATES

Submission of Full Paper	10 May 2023
Notification Acceptance	20 May 2023
Last date for Registration	30 May 2023
Conference Date	2-3 June 2023

REGISTRATION DETAILS

REGISTRATION LINK :

<https://forms.gle/NGP9dBrEQLgmr29>

REGISTRATION CHARGES

Foreign Participants	\$25
Corporate	INR 1500/-
Academician	INR 1000/-
PhD Scholars / P.G Students	INR 500/-

PAYMENT DETAILS

Beneficiary Name	Christ College, Pune
Bank	CSFB Bank
Branch	Ramwadi
Account Number	028201220633198002
IFSC	CSFB0000282



ACCOMMODATION DETAILS

Accommodation can be facilitated in the nearby Business Hotels on special discounted rate. Authors must approach personally for the support.

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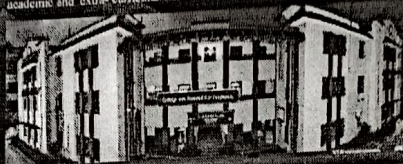
ABOUT CHRIST COLLEGE

Christ College, Pune is a noble venture by Carmel Valya Bhavan Trust formed by the members of the congregation of the Carmelites of Mary Immaculate (CMI), the first indigenous religious congregation in India. A great visionary and pioneer who left his footprints in the fields of education, social reform, communication, who left his footprints in the fields of education, social reform, communication, who left his footprints in the fields of education, social reform, communication. Having a great legacy in the field of education, Christ College strives to impart quality education without distinction of religion, caste or creed. Inspiring them to become men and women of integrity, the motivated faculty ensures that the students are trained in tune with the latest developments in the subject.



ABOUT ST. JOSEPH'S COLLEGE

St. Joseph's College for Women was established in 1954 by the Canonian Daughters of Charity, an international congregation of missionary sisters. It is situated at Convent Square on National Highway 47 in the heartland of Alleppey Town. The Institution has catered to the cause of women's education for sixty nine long years, especially the underprivileged and marginalized communities. St. Joseph's leaves an incredible imprint in the society around as a reputed center for Higher Education in the State of Kerala, scaling peaks of excellence in both academic and extra-curricular fields.



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ADVISORY COMMITTEE

Rev. Fr. Joy Puthusseri CMI
Manager, Christ College, Pune

Prof. Shalini Siddavatam
Dean, HOD of Computer Science & Application
Abode Invidar Senior College, Pune
(affiliated to SPPU Autonomous)

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M.Com, MCA, M.Phil., Ph.D.
Principal in charge
Jodan College of Commerce & Science, Pune

Mr. Parag Joshi
Program Director
IT Application Development and Services
Hexalite Infotech, Pune

Dr. Vaishali Patil
Director of RCP, F.R.
Institute of Management Research and
Development, Shivajinagar
KJ Somaiya Institute of Management Studies & Research, Juhu

COMMITTEE MEMBERS

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Assistant Professor
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Assistant Professor
St. Joseph's College for Women
Alappuzha

ORGANIZING COMMITTEE

CONVENORS

Rev. Dr. Fr. Arun Antony
Director, Christ College, Pune

Dr. Usha A. A.
Principal
St. Joseph's College for Women, Alappuzha
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Prof. Nilima Shingate
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Assistant Professor
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VENUE OF THE CONFERENCE

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Attendance

International Conference on Emerging Technologies (ICET-23)

68

"Technology Forefronts in Research and Innovation in the Field of Science"

REGISTRATION

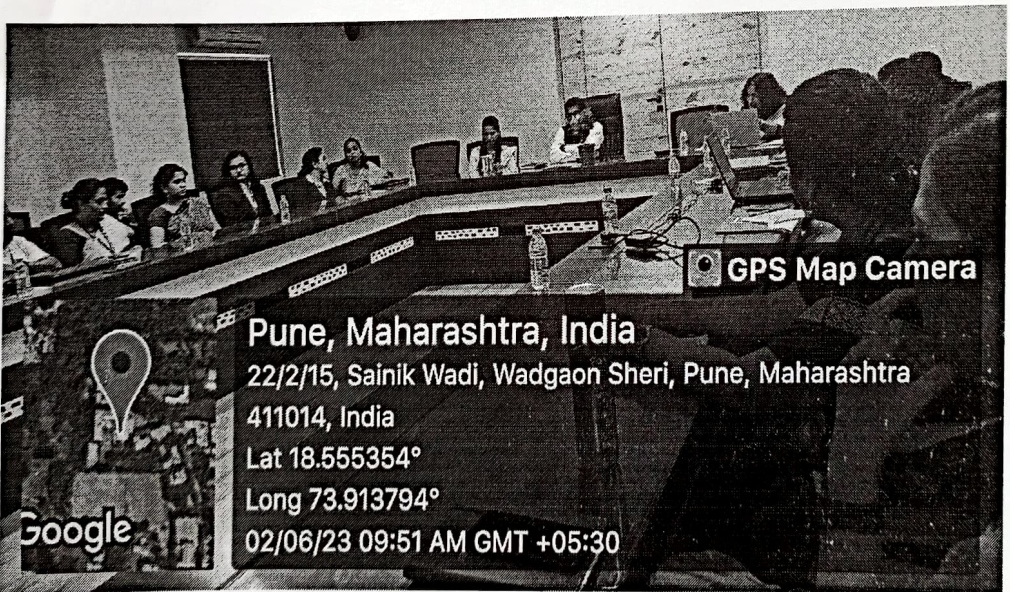
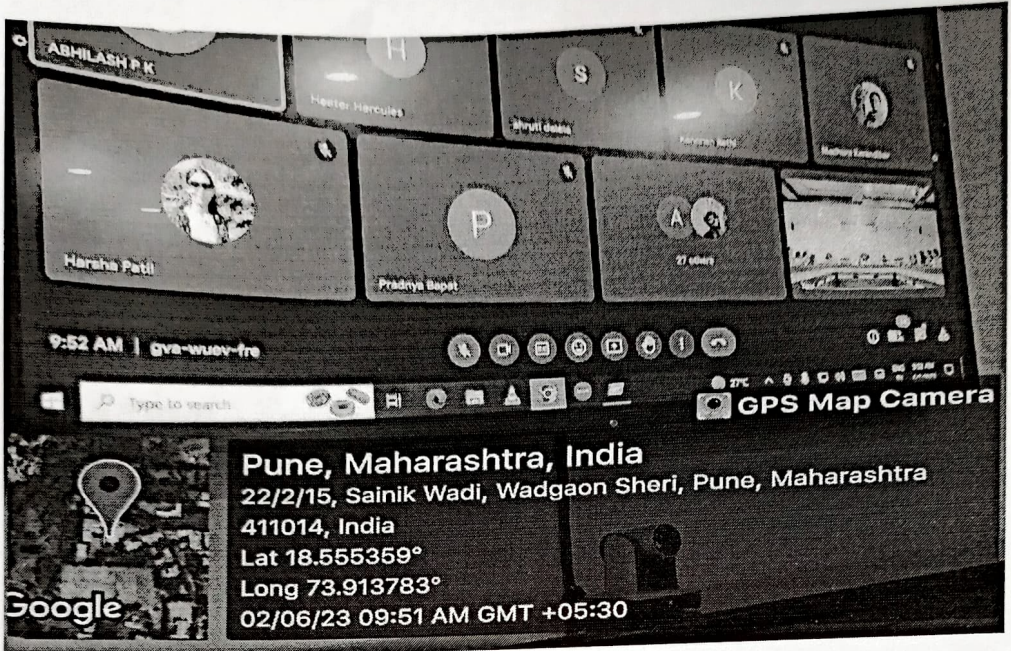
Date: 2nd June 2023

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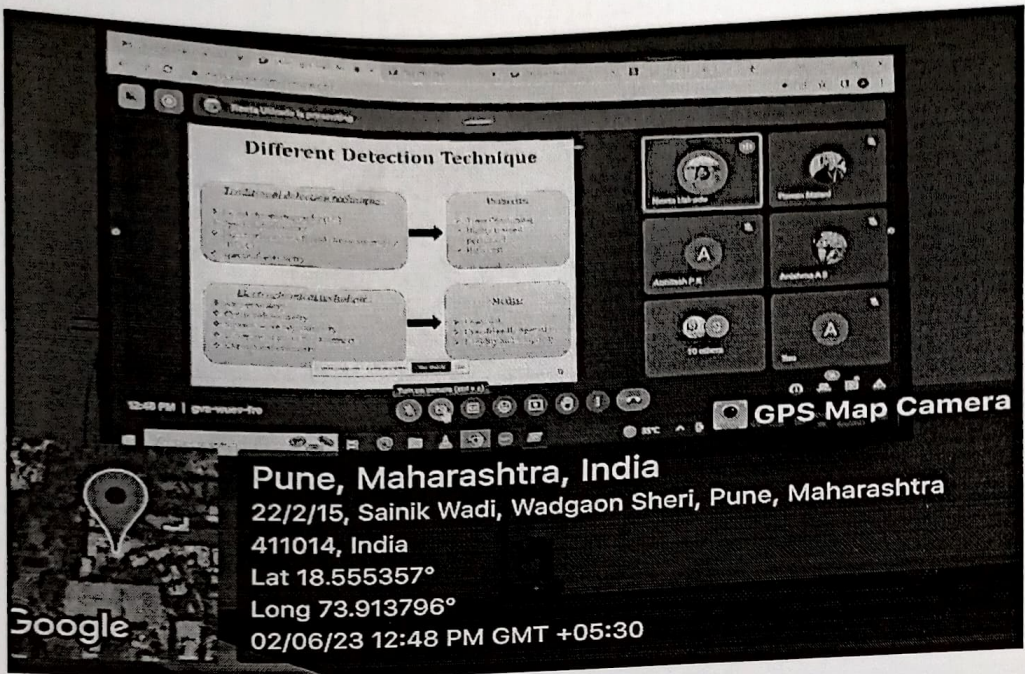


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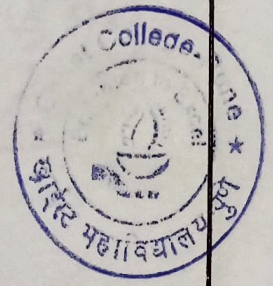
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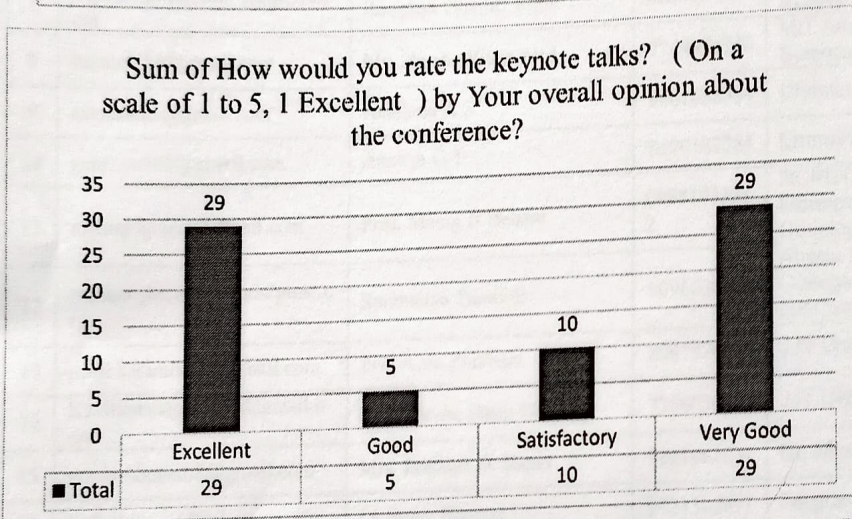
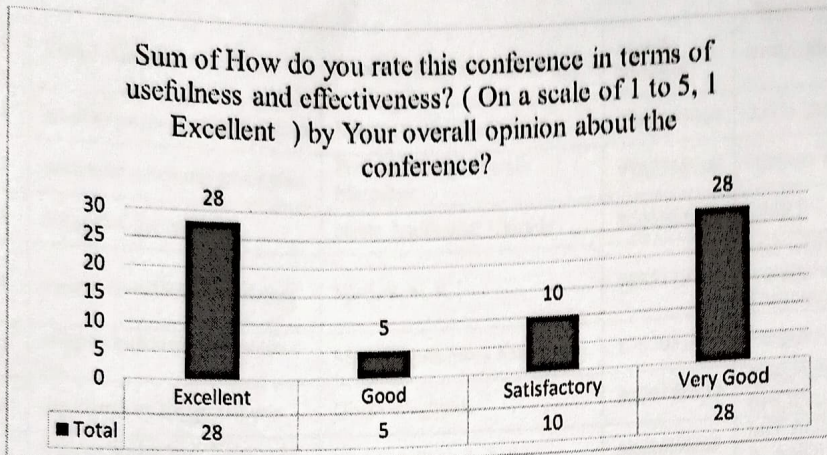


Pune, Maharashtra, India
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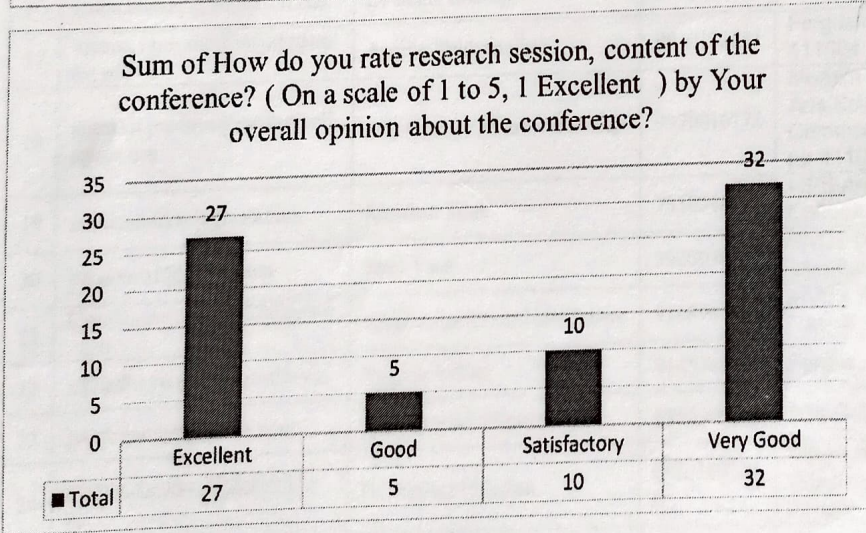
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Feedback Summary



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List of the Participants

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