

# The Institution of Engineers (India)

## ODISHA STATE CENTRE



# NEWS LETTER

Chairman: Prof (Dr.) Sudhansu Sekhar Dash, FIE    Honorary Secretary: Er. Sangram Keshari Pattnayak, FIE

ISSUE: - October, 2024

### *From the desk of the Chairman*

As we reflect on the past year, it is important to acknowledge the progress and achievements we have made at The Institution of Engineers (India), Odisha State Centre. Our dedication to fostering engineering excellence and innovation has been a constant source of motivation for all of us. This year has been marked by a series of successful seminars, workshops, and events that have brought together engineers, academicians, and industry leaders to exchange knowledge and insights. These platforms have enabled us to explore emerging technologies and engineering solutions, particularly in areas such as sustainability and environmental responsibility, which are key to addressing the challenges of today. We have also focused on nurturing young talent, providing opportunities for students and early-career engineers to engage with seasoned professionals. This interaction has proven valuable in bridging the gap between academic learning and practical industry experience, further strengthening the role of engineering in building a better future. As we move into a new year, our focus remains on continuous growth, knowledge-sharing, and contributing to the advancement of engineering practices. The Institution of Engineers (India), Odisha State Centre, is committed to promoting innovation and leadership within the engineering community, while upholding the values of integrity, excellence, and service to society. I encourage all our members to actively participate in our initiatives, bring forward your ideas, and contribute to the progress of our profession. Together, we can continue making a meaningful impact on society through engineering.

Wishing you all a fulfilling year ahead!



**Prof (Dr.) Sudhansu Sekhar Dash, FIE**  
Chairman

### *Editorial:*

As we reflect on the achievements and challenges of the past year, we are reminded of the vital role that engineering plays in shaping the future. In a rapidly evolving world, the contributions of engineers have become more critical than ever. From addressing environmental sustainability to spearheading technological innovations, the engineering community stands at the forefront of creating solutions that will drive a brighter, more sustainable future. At the Odisha State Centre, we have continued to make strides in fostering a platform for knowledge exchange, collaboration, and professional growth. Our seminars, technical sessions, and workshops have offered engineers across various disciplines an opportunity to learn, network, and contribute to the advancement of industry and society. One of our key priorities has been to encourage young engineers to embrace the opportunities presented by emerging technologies. With the increasing focus on AI, renewable energy, and digital infrastructure, we must ensure that engineers are equipped to meet the demands of the future. Looking ahead, the Odisha State Centre is committed to further enhancing its engagement with the engineering community. By fostering collaboration with educational institutions, industry leaders, and government bodies, we will continue to champion the cause of engineering excellence. As we approach the end of the year, let us reaffirm our commitment to advancing engineering practices and creating sustainable solutions for the betterment of society.

Let us engineer a brighter tomorrow.



**Er. Sangram Keshari Pattnayak, FIE**  
Honorary Secretary

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- **Inviting Technical Articles for 64<sup>th</sup> Annual Technical Session of Odisha State Centre, IEI**
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- **Immediate Past Events**

**Inviting Technical Articles for 64<sup>th</sup> Annual Technical Sessi**

Odisha State Centre of The Institution of Engineers (India) will award the following Prizes/Awards to the Author(s) whose articles are considered best in different engineering divisions. Authors are requested to send the article(s) addressed to **“The Honorary Secretary, Odisha State Centre, The Institution of Engineers (India), Sachivalaya Marg, Unit-IV, Bhubaneswar 751 001”** on or before **10<sup>th</sup> January, 2025**.

<b>Prize/Award entitled</b>	<b>Specific Area of topic</b>
<b>Agricultural Engineering</b>	
1 K C Das Memorial Award	- Agricultural Engineering
<b>Civil Engineering</b>	
1 Banabihari Mohanty Memorial Award	- Irrigation & Water Management
2 MN Bhuyan Memorial Award	- Transportation Engineering
3 S V Srinivasan Memorial Award	- Bridge Engineering
4 Syed Mumtaz Ali Memorial Award	- Structural Engineering
5 Er ArtaBandhu Jena Award	- Prototype Studies of Engineering structures with reference to design assumptions of Model Studies (if any)
6 Er MuralidharSatpathy Award	- Construction Management
7 DamodarSahoo Memorial Award	- Water Resources Project Construction
8 URR Patnaik Memorial Award	- New Concepts for Economic Housing
9 Er Govinda Chandra Sahu Award	- Water Resources Planning & Design
10 Er R C Patra Memorial Award	- Innovative Irrigation Management
11 Er Avaya Chandra Nayak Memorial Award	- Computer-Aided Design Applications in Engineering
12 Er P C Chowdhury Award	-Maintainability of Structures
13 Er Nanda Nandan Das Award	-Best Case Study (Outcome of Engineering Practice)
14 Er L N Barik Memorial Award	- Infrastructure Planning, Structural Design and Development
15 Er. L M Patra Memorial Award	- Soil Mechanics and Foundational Engineering
<b>Mechanical Engineering</b>	
1 Ganesh Mishra Memorial Award	- Advances in Mechanical Engineering
2 Sankarsan Jena Memorial Award	- Materials Management and Production Process
3 BrundabanSahu Memorial Award	- Industrial Engineering
4 BipinBehari Mohanty Memorial Award	- Industrialization in the State of Orissa
5.Er Raj Kishore Mahapata Award	- Safety in Construction Industry/Management
6. GouriSankarSahuMemorial Award	- Transportation – Essence of Mechanical Engineering
7. Er Pratap Chandra Panda Award	- Industrial Engineering/Industrial Management
<b>Electrical Engineering</b>	
1 Madhusudan Memorial Award	- Energy Conservation/Rural Electrification
2 Sandeep Mohapatra Memorial Award	- Computer Engineering
<b>Environmental Engineering</b>	
1 Gannett Memorial Award	- Environmental Impact Assessment
2 Abel Wolman Memorial Award	- Pollution Control and Municipal Services Activities
3 J N Panda Memorial Award	- New Design Methods for Public Health Engineering Works
4 Prof (Dr) L K Bisoyi Award	- New methods of low-cost treatment of water supply and sanitation in rural area
<b>Chemical Engineering Division</b>	
1 Dr. Raghupatruni Bhima Rao Award	- Mineral Processing Engineering
<b>Other Prizes/Awards open to All Engineering Divisions</b>	
1 Sadananda Memorial Award	- Harnessing the scarce resources of the State
2 Institution Prizes (For Corporate Members only)-	- In all branches of Engineering (other than specific area if more than three articles are received in any branch.
Besides, the Institution Medal will be awarded to the authors of most outstanding articles amongst all the articles.	
Authors are requested to send the article/s mentioning the specific area of topic for which the technical article/s are to be considered for.	
The following instructions for submission of article may please be followed (1) The text and tables must be typed in single space on one side of good quality A-4 size (210 x 297 mm) white paper. Text must not exceed 160mm in width and 240mm in depth with CD in MS-Word; (2) Technical Paper must not exceed 6 pages in length including tables/photographs, etc; (3) 2 sets of the technical article may be submitted along with CD in MS-word; (4) Declaration Form duly signed by the author/s which can be downloaded from our website : “ieiodisha.org”. In absence of duly filled in declaration, paper will not be taken up for consideration of publication. If the total pages exceed 6, the papers will not be considered for scrutiny. For prize/award consideration, topics should be relevant to the specific field of awards. Author/s must mention the “Award and Topic” category for which they are submitting for the papers.	
This Newsletter of Odisha State Centre, The Institution of Engineers (India), Sachivalaya Marg, Unit-IV, Bhubaneswar is edited & published by Er. Sangram Keshari Pattnayak, FIE, Honorary Secretary, assisted by Shri Tapan Kr. Jena, Office-in-Charge, Odisha State Centre, IEI and printed at _____, Bhubaneswar 751____.	
Only for free distribution amongst the Corporate Members, The Institution of Engineers (India).	

## **IMMEDIATE PAST EVENTS**

### **Report on the NATIONAL ENERGY CONSERVATION DAY 2023 organized by Odisha State Centre, The Institution of Engineers (India), Bhubaneswar on 14th December, 2023.**

The Institution of Engineers (India), Odisha State Centre, Bhubaneswar, marked the celebration of National Energy Conservation Day 2023 on December 14th, 2023, at 11:00 a.m. The event took place at the auditorium of the institution, where a poster presentation competition was conducted among engineering and polytechnic students from Odisha. The theme of the competition was "Energy Conservation." Presiding over the function was Prof. (Dr.) Sudhansu Sekhar Dash, FIE, the Chairman, who extended a warm welcome to the dignitaries and delegates. The event was organized by the convenor, Dr. Dillip Kumar Sahoo, MIE, and co-convenor, Prof. Sangram Keshari Routray, FIE, both committee members of ELED at The Institution of Engineers (India), Odisha State Centre, Bhubaneswar. They provided insights into the theme of the poster presentation competition. The Chief Guest for the occasion was Shri Piyus Kumar, General Manager (OS) of NTPC (ER-II) Bhubaneswar. Prof. Subhransu Ranjan Samantaray, Professor and Head of the School of Electrical Engineering at the Indian Institute of Technology Bhubaneswar, graced the event as the Chief Speaker. The meeting concluded with a vote of thanks to the chair, expressed by Prof. Sangram Keshari Pattnayak, FIE, the Honorary Secretary of the Institution.



### **Report on the WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT, Theme: "Engineering Solutions for a Sustainable World" organized by Odisha State Centre, The Institution of Engineers (India), Bhubaneswar on 4th March, 2024.**

The Institution of Engineers (India), Odisha State Centre, Bhubaneswar, celebrated World Engineering Day for Sustainable Development on March 4, 2024, at 6:30 p.m., with the theme "Engineering Solutions for a Sustainable World." The event was presided over by Prof. (Dr.) Sudhansu Sekhar Dash, FIE, Chairman, The Institution of Engineers (India) Odisha State Centre, who warmly welcomed the dignitaries and delegates. The Chief Guest, Dr. Anil Kumar Chaubey, Chief Scientist of the Advanced Materials Technology Department at CSIR-IMMT, Bhubaneswar, delivered the keynote address. The event concluded with a vote of thanks to the chair by Er. Sangram Keshari Pattnayak, FIE, the Honorary Secretary of the Institution.



### **Report on the NATIONAL MARITIME DAY- 2024, Theme: "Sustainable Shipping: Challenges & Opportunities" organized by Odisha State Centre, The Institution of Engineers (India), Bhubaneswar on 5th April, 2024.**

The National Maritime Day- 2024 was Celebrated at the Institution of Engineers (India), Odisha State Centre, Bhubaneswar on 5th April, 2024 at 6.30 p.m. Theme: "Sustainable Shipping: Challenges & Opportunities", where the Chairman Prof. (Dr.) Sudhansu Sekhar Dash, FIE presided over the function and welcomed the dignitaries and delegates. Dr. Nutan Kumar Dash, FIE, Vice President, The Institution of Engineers (India) emphasized on National Maritime day and introduced the members and the distinguished guests. Engineer and Ex-Committee member Mr. Bharat Chandra Behera, gives a brief description on National Maritime day and why and how it was named being celebrated since 1964. The Meeting ended with vote of thanks to the Chair by Committee Member Er. Amaresh Rautray.



### **Report on the NATIONAL TECHNOLOGY DAY & 13<sup>th</sup> Prof. Nityananda Patnaik Memorial Lecture organized by Odisha State Centre, The Institution of Engineers (India), Bhubaneswar on 11<sup>th</sup> May, 2024.**

The Institution of Engineers (India), Odisha State Centre, celebrated National Technology Day along with the 13th Prof. Nityananda Patnaik Memorial Lecture on May 11, 2024. Shri Sashi S. Mohanty, CEO and Managing Director of ESSAR MINMET LIMITED, Bhubaneswar, graced the occasion as the Chief Guest. He emphasized the significance of technological advancements in driving economic growth and the role of engineers in shaping a sustainable future. Prof. Bibhuti Bhusan Biswal, Vice Chancellor of Odisha University of Technology and Research, Bhubaneswar, delivered the 13th Prof. Nityananda Patnaik Memorial Lecture. Prof. Biswal spoke on the theme of technological advancements and their impacts on modern society, drawing upon the legacy of Prof. Nityananda Patnaik. The function was presided over by Prof. (Dr.) Sudhansu Sekhar Dash, Chairman of the Odisha State Centre, IEI. In his address, Dr. Dash highlighted the importance of commemorating National Technology Day and reflecting on the contributions of esteemed engineers like Prof. Patnaik. Er. Sangram Keshari Pattnayak, Honorary Secretary of the Odisha State Centre, IEI, narrated the life sketch of Prof. Nityananda Patnaik. Er. Pattnayak expressed gratitude to the distinguished guests and participants for making the event a grand success. The celebration brought together professionals, engineers, academicians, and students, fostering a spirit of innovation and remembrance of Prof. Nityananda Patnaik's significant contributions to the field of engineering and technology.



**Report on the World Telecommunication and Information Society Day – 2024, Theme: “Digital Innovation for Sustainable Development” organized by Odisha State Centre, The Institution of Engineers (India), Bhubaneswar on 17<sup>th</sup> May, 2024.**

The Odisha State Centre of The Institution of Engineers (India) celebrated World Telecommunication and Information Society Day on May 17, 2024 (6.30 p.m.) with the theme "Digital Innovation for Sustainable Development." Prof. (Dr.) Sudhansu Sekhar Dash, FIE, Chairman of the Odisha State Centre, presided over the function and Shri Avinna Kumar Pahi, Technical Advisor (Telecom), OCAC, and former Chief General Manager of BSNL, graced the occasion as the Chief Guest. In his address, Shri Pahi emphasized the critical role of telecommunications in advancing economic and social progress, particularly in the context of sustainable development goals. His insights provided valuable perspectives on how digital technologies can be leveraged to create inclusive and sustainable growth. The celebration saw enthusiastic participation from engineers, professionals, and students, underscoring the significance of digital innovation in fostering sustainable growth. Er. Sangram Keshari Pattnayak, FIE, Honorary Secretary, proposed the vote of thanks and Er. Asit Kumar Satapathy, MIE, and Ms. Tapaswini Sahu, AMIE, coordinated the event as convenor and joint convenor, respectively.



**Report on the WORLD ENVIRONMENT DAY- 2024, Theme: “Land Restoration, Desertification and Drought Resilience” organized by Odisha State Centre, The Institution of Engineers (India), Bhubaneswar on 5<sup>th</sup> June, 2024**

The Institution of Engineers (India), Odisha State Centre, Bhubaneswar, celebrated World Environment Day 2024 on June 5, 2024, at 6:30 p.m. The theme for this year was “Land Restoration, Desertification, and Drought Resilience”. Prof. (Dr.) Sudhansu Sekhar Dash, FIE, Chairman of the Odisha State Centre, presided over the function. Shri Rabi Narayan Prusty, Chief Environmental Engineer of the State Pollution Control Board, Odisha, graced the occasion as the Chief Guest, and Dr. Jaya Krushna Panigrahi, Secretary of the Odisha Environmental Society, was the Chief Speaker. In his address, the Chief Guest highlighted the critical importance of land restoration in environmental conservation efforts. He emphasized that reversing the adverse impacts of human activities through reforestation, sustainable land management practices, and the rehabilitation of degraded lands is essential. These efforts can mitigate soil erosion, enhance biodiversity, and bolster food security. The Chief Speaker, Dr. Jaya Krushna Panigrahi, spoke about the significance of promoting drought-resistant agricultural practices and investing in water conservation initiatives. He stressed the need for fostering international cooperation to tackle the challenges of desertification and drought, thus paving the way for a more resilient and sustainable future. Er. Sangram Keshari Pattnayak, FIE, Honorary Secretary, proposed the vote of thanks, expressing gratitude to all participants and contributors. The event was coordinated by Er. Manoj Kumar Dash, FIE, who served as the convenor.



**Report on the 57<sup>th</sup> ENGINEERS’ DAY, Theme: “Driving Sustainability with Engineering Solutions Embracing the Latest AI Driven Technologies” organized by Odisha State Centre, The Institution of Engineers (India), Bhubaneswar on 15<sup>th</sup> September, 2024.**

The Institution of Engineers (India), Odisha State Centre, celebrated Engineers' Day 2024 with great enthusiasm on September 15, 2024. The event was organized to honour the legacy of Bharat Ratna Sir M. Visvesvaraya and was centered around the theme "Driving Sustainability with Engineering Solutions Embracing the Latest AI Driven Technologies." Around 300 government officials, engineers, academicians, and students from across the state attended the event. The program commenced with the arrival of the Hon'ble Chief Guest, Smt. Surama Padhy, Speaker of the Odisha Legislative Assembly, and the Chief Speaker, Prof.



Dhanush Dhari Misra, Chairman of Research Council, CSIR-CIMFR, Dhanbad. The dignitaries garlanded the statue of Sir M. Visvesvaraya, followed by the State anthem “Vande Utkal Janani.” Prof. (Dr.) Sudhansu Sekhar Dash, Chairman of Odisha State Centre, IEI, welcomed the guests with a warm address, setting the tone for the event. A life sketch of Sir M. Visvesvaraya was then narrated by Er. Sangram Keshari Pattnayak, Honorary Secretary of the Odisha State Centre, IEI, recalling the extraordinary contributions of the great engineer. The Chief Speaker, Prof. Dhanush Dhari Misra, delivered an insightful address, highlighting the critical role of sustainable engineering

practices enhanced by AI-driven technologies in addressing modern challenges. A key highlight of the event was the felicitation of nine distinguished Elder engineers of Odisha for their outstanding contributions to the engineering profession. The honourees included Er. Sanjib Kumar Roy, Er. Bijoy Chandra Tripathy, Dr. Gopal Prasad Roy, Er. Jamini Kanta Das, Er. Dwaipayana Pattanaik, Dr. Prakash Kumar Hota, Dr. Rutuparna Panda, Dr. Kshirod Kumar Brahma, Er. Surendra Kumar Patra. Following the felicitation, the Hon'ble Chief Guest, Smt. Surama Padhy, Speaker of the Odisha Legislative Assembly, addressed the audience, appreciating the role of engineers in societal development and urging them to lead with innovation, sustainability, and ethical practices. The event concluded with a vote of thanks by Er. Sangram Keshari Pattnayak, bringing the celebration to a close while reinforcing the importance of the engineering community in driving a sustainable future.

**Report of All-India Seminar on “Alternative Energy Systems” under the aegis of Mechanical Engineering Division Board (MCDB), IEI at Odisha State Centre, The Institution of Engineers (India), Bhubaneswar held during 27th -28th July, 2024.**

The All India Seminar on Alternative Energy Systems, organised by the Institution of Engineers (India), Odisha State Centre, Bhubaneswar, was held on the 27th and 28th of July 2024. The seminar aimed to bring together engineers, researchers, and industry professionals to discuss the latest advancements in alternative energy systems. The event saw participation from over 230 individuals, including prominent guests, speakers, and attendees. The seminar commenced with the arrival of the chief guest, guest of honour, and chief speaker, followed by a tribute to Sir M Visvesvaraya through the garlanding of his statue. The dignitaries were formally invited to the dais and received flower bouquets as a gesture of appreciation. The event began with the opening song "Vande Utkal Janani," and the auspicious lamp was lit, symbolizing the start of the seminar. The welcome address was delivered by Prof. (Dr.) Sudhansu Sekhar Dash, Chairman of the Odisha State Centre, IEI, outlining the seminar's objectives and importance. Subsequent addresses were given by Dr. Bimal Sarangi, Convener, and Dr. Nutan Kumar Dash, Vice-President of The Institution of Engineers (India). The chief speaker, Shri P K Mahapatra, provided insights into advancements in alternative energy systems, followed by the guest of honour, Prof. V. Pandu Ranga, who discussed the integration of these systems into academic and industrial frameworks. The chief guest, Dr. Sunil Sarangi, emphasized the need for innovative approaches in energy systems. A technical proceeding was released, which included the compiled papers and research presented. This release was a significant moment, reflecting the culmination of rigorous work and contributions from various participants. The guests were felicitated in recognition of their contributions. A vote of thanks was delivered by Er. Sangram Keshari Pattnayak, Honorary Secretary, Odisha State Centre, IEI. Following this, participants enjoyed a tea break and proceeded to Technical Session I, authors presented their technical papers and articles, covering a range of topics within the realm of alternative energy systems. After a lunch break, Technical Session II continued with additional presentations by authors, who shared their research findings and innovative approaches related to alternative energy. The second day of the seminar featured Technical Session III, The final technical session concluded with further presentations and discussions, providing a comprehensive overview of advancements and challenges in alternative energy systems. During the valedictory session, the seminar recognized outstanding contributions. The awards for the best paper and best presenter were presented to the most exceptional contributors. Additionally, all authors who presented their papers received certificates in acknowledgment of their efforts and contributions. The All India Seminar on Alternative Energy Systems was a successful event, providing a valuable platform for knowledge exchange and collaboration among professionals and researchers. The diverse presentations and discussions contributed to a comprehensive understanding of advancements and challenges in alternative energy systems. We extend our sincere appreciation to all participants, speakers, and sponsors for their support and contributions.



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**Report of All-India Seminar on “Technical Textiles: A Transformative force for the Challenges in Agriculture, Healthcare, and Construction Sectors” under the aegis of Textile Engineering Division Board (TXDB), IEI at Odisha State Centre, The Institution of Engineers (India), Bhubaneswar held during 24th - 25th August, 2024.**

The All India Seminar on "Technical Textiles: A Transformative Force for the Challenges in Agriculture, Healthcare, and Construction Sectors" was successfully inaugurated at the Auditorium of The Institution of Engineers (India), Odisha State Centre, Bhubaneswar. The event, organized under the aegis of the Textile Engineering Division Board, brought together a diverse group of engineers, academicians, researchers, industry professionals, and students. The seminar commenced with the arrival of the dignitaries, including the Chief Guest, Shri Suryabanshi Suraj, Minister of State (Ind), Higher Education, Sports & Youth Services, and Odia Language, Literature & Culture, Government of Odisha, and the Chief Speaker, Prof. B K Behera, Emeritus Professor, Department of Textile and Fibre Engineering, Indian Institute of Technology Delhi. The dignitaries were warmly welcomed by the organizing committee and were invited to garland the statue of Bharat Ratna Sir M Visvesvaraya, paying homage to the legendary engineer. The inaugural session



officially began with the inviting of guests to the dais, followed by the presentation of flower bouquets. The atmosphere was further uplifted with the rendition of "Vande Utkal Janani," the state anthem, which set a tone of reverence and pride for the proceedings. Following the traditional lighting of the lamp, symbolizing the dispelling of ignorance and the ushering in of knowledge, Prof. (Dr.) Sudhansu Sekhar Dash, FIE, Chairman, Odisha State Centre, IEI, delivered a warm welcome address. He emphasized the importance of the seminar in exploring the potential of technical textiles to address key challenges across various sectors.



Er. Sangram Keshari Pattnayak, FIE, Honorary Secretary, Odisha State Centre, IEI, provided an insightful overview of the seminar, outlining its objectives and the significance of technical textiles in the context of agriculture, healthcare, and construction. Er. Kedar Nath Das, FIE, Convener of the seminar, expressed his gratitude to all stakeholders, elaborating on the seminar's key themes and its relevance in today's rapidly evolving technological landscape. The highlight of the inaugural session was the address by the Chief Speaker, Prof. B K Behera, who shared his expertise on the transformative potential of technical textiles. His address was followed by the official release of the seminar proceedings, marking a

key moment in the event. The Chief Guest, Shri Suryabanshi Suraj, delivered an engaging speech, acknowledging the significance of the seminar and expressing his support for initiatives that promote the application of technical textiles in crucial sectors. The session concluded with the felicitation of the dignitaries, recognizing their contributions to the field and their support for the seminar. The inaugural function was brought to a close with a vote of thanks by Er. Sangram Keshari Pattnayak, who expressed gratitude to all who contributed to making the event a success. Technical Session I explored the latest innovations in technical textiles, with presentations on new materials, technologies, and their potential applications in various sectors. Experts shared their research findings and discussed the future direction of the industry. Technical Session II delved into the specific challenges faced in agriculture, healthcare, and construction, and how technical textiles can address these issues. The session highlighted case studies and practical examples, providing valuable insights into real-world applications. Technical Session III focused on the future of technical textiles, discussing emerging trends and the role of industry-academia collaboration in driving innovation. The session emphasized the importance of sustainable practices and the potential for technical textiles to contribute to global development goals. Valedictory Session - The seminar concluded with a valedictory session that summarized the key insights from the technical sessions. The contributions of the speakers and participants were acknowledged, and the importance of continued research and collaboration in the field of technical textiles was emphasized.

### Seminar on "Modern Civil Construction" – Corporate Member Outreach Program, The Institution of Engineers (India), Odisha State Centre

As part of its ongoing Corporate Member Outreach Program, The Institution of Engineers (India), Odisha State Centre, organized a seminar on "Modern Civil Construction" aimed at enhancing knowledge and promoting discussions on the latest trends and technologies in the civil construction industry. The seminar was held at two key locations in Odisha – Sambalpur on 8th December 2023 and Balasore on 10th January 2024.

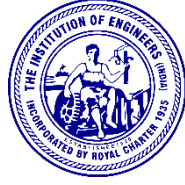
The event brought together professionals, engineers, academicians, and industry experts to explore advancements in construction techniques, materials, and sustainability practices.



Attendees gained valuable insights into modern civil engineering practices, including innovations in structural design, eco-friendly construction methods, and the integration of technology in construction management.

The seminar also provided a platform for participants to engage with key speakers and peers, fostering collaboration and knowledge-sharing. In addition to the technical sessions, the seminar highlighted the role of engineers in addressing the challenges of infrastructure development, urbanization, and environmental concerns.





# The Institution of Engineers (India)

## Odisha State Centre

Engineers Bhawan, Institution of Engineers Square  
Sachivalaya Marg, Unit-IV, Bhubaneswar 751 001

*Chairman*

**Prof. (Dr.) Sudhansu Sekhar Dash, FIE**

*Honorary Secretary*

**Er. Sangram Keshari Pattnayak, FIE**

Ref No. OSC-105(66)/181

Date: 14<sup>th</sup> October, 2024

### NOTICE

In pursuance to Bye-Laws and Regulation **6** of the Council, **The Institution of Engineers (India), the 66<sup>th</sup> Annual General Meeting** of Odisha State Centre, The Institution of Engineers (India) shall be held on **30<sup>th</sup> October, 2024 (Wednesday) at 1800 hrs.** in the auditorium of Odisha State Centre, The Institution of Engineers (India), Engineers Bhawan, Institution of Engineers Square, Sachivalaya Marg, Unit-IV, Bhubaneswar 751 001.

You are requested to kindly send your comments, if any, addressed to the **Honorary Secretary** well in advance and make it convenient to present on the aforesaid date/time to participate in the Business Session of the Annual General Meeting.

(Sangram Keshari Pattnayak)  
Honorary Secretary

### AGENDA

#### **66<sup>th</sup> ANNUAL GENERAL MEETING 30<sup>th</sup> OCTOBER, 2024 (Wednesday) at 1800 hrs.**

- Registration/Business Session (only for Corporate Members);
- To pass condolence resolution on the demise of the Corporate Members;
- Receive Annual Report and Audited Statement of accounts of Odisha State Centre, The Institution of Engineers (India) for the period from 1<sup>st</sup> April 2023 to 31<sup>st</sup> March 2024.
- Appointment of Auditors and fixing of remuneration of Auditors for the Financial Year 2024-2025.
- Vote of Thanks
- High Tea

**The Institution of Engineers (India), ODISHA STATE CENTRE**  
**ROLL OF HONOUR**

Year/s	Name of the Chairman	Name of the Honorary Secretary
1958-59	Er M S Thirumale Iyengar, MIE	Er S Padhi, MIE
1959-60	Er M Ganapati, MIE	Er S Padhi, MIE
1960-61	Er P V A Narayana Murty, MIE	Er S Padhi, MIE
1961-64	Er S S Behera, MIE	Er S Padhi, MIE
1964-66	Er S Padhi, MIE	Er K C Das, FIE
1966-68	Er G Gupta, FIE	Er K C Das, FIE
1968-70	Er K C Das, FIE	Er B C Patnaik, FIE
1970-72	Dr A C Padhi, FIE	Er B C Patnaik Er B M Das, FIE
1972-73	Er R C Patro, FIE	Er D C Panda, FIE
1973-75	Er Ing. H P Mishra, FIE	Er D C Panda, FIE
1975-77	Er J M Patnaik, FIE	Er D C Panda, FIE Er B M Das, FIE
1977-79	Er D N Singh Deo, FIE	Er S N Misra, FIE
1979-81	Er S K Nanda, FIE	Er S N Misra, FIE
1981-83	Er Banabasi Patnaik, FIE	Er P Mallick, FIE
1983-85	Er B C Patnaik, FIE	Er P Mallick, FIE
1985-87	Er S N Misra, FIE	Er R K Das, FIE
1987-89	Er B P Misra, FIE	Er R K Das, FIE
1989-92	Dr N Patnaik, FIE	Er R K Das, FIE
1992-94	Er Lalit Mohan Patra, FIE	Er Nutan Kumar Dash, MIE
1994-96	Er R K Das, FIE	Er Nutan Kumar Dash, MIE
1996-98	Er S K Rath, FIE	Er P C Mohapatra, FIE
1998-2000	Er P C Mohapatra, FIE	Er R M Patnaik, FIE
2000-2002	Dr R M Patnaik, FIE	Er Ashok Basa, FIE
2002-2004	Er Ashok Basa, FIE	Er R K Prusti, MIE
2004-2006	Er Nutan Kumar Dash, FIE	Er Subhendu Kumar Ray, FIE
2006-2008	Er Subhendu Kumar Ray, FIE	Dr L K Bisoyi, FIE
2008-2010	Prof (Dr) L K Bisoyi, FIE	Er P K Giri, FIE
2010-2012	Er P K Giri, FIE	Dr R K Biswal, FIE
2012-2014	Dr R K Biswal, FIE	Prof (Dr) Sayed Majid Ali, FIE
2014-2016	Dr R Bhima Rao, FIE	Prof (Dr) P K Parhi, FIE
2016-2018	Prof (Dr) P K Parhi, FIE	Prof (Dr) K K Rout, FIE
2018-2021	Prof (Dr.) Khirod Kumar Rout, FIE	Prof (Dr.) Sudhansu Sekhar Dash, FIE
2021-2023	Dr. Bhagyadhar Bhoi, FIE	Er. Rabindra Nath Dalai, MIE
2023-2025	Prof. (Dr.) Sudhansu Sekhar Dash, FIE	Er. Sangram Keshari Pattnayak, FIE



# The Institution of Engineers (India)

## ODISHA STATE CENTRE

### COMMITTEE – 2023-2025

Chairman, OSC, IEI	:	Prof. (Dr.) Sudhansu Sekhar Dash, FIE *
Immediate Past Chairman	:	Dr. Bhagyadhar Bhoi, FIE
Honorary Secretary	:	Er. Sangram Keshari Pattnayak, FIE
Immediate Past Hony. Secretary	:	Er. Rabindra Nath Dalai, MIE
Vice President, IEI (2023-2024)	:	Dr. Nutan Kumar Dash, FIE*
Council Member, CHDB-IEI (2021-2025)	:	Dr. Raghupatruni Bhima Rao, FIE*
Agricultural Engineering Division	:	Er Bishnu Prasad Mishra, MIE
Architectural Engineering Division	:	Er. Priya Ranjan Patra, MIE
Aerospace Engineering Division	:	Vacant
Chemical Engineering Division	:	Er. Chaturmukha Pattnaik, FIE
Computer Engineering Division	:	Ms. Sharmistha Jena, AMIE
Civil Engineering Division	:	Dr. Pravat Kumar Parhi, FIE Er. Dukhabandhu Behera, FIE Er. Manoranjan Misra, FIE
Electrical Engineering Division	:	Er. Dilip Kumar Sahoo, MIE Prof. Sangram Keshari Routray, FIE
Environmental Engineering Division	:	Er. Manoj Kumara Dash, FIE
Electronics & Telecommunication Engineering Division	:	Er. Asit Kumar Satapathy, MIE Ms. Tapaswini Sahu, AMIE
Mechanical Engineering Division	:	Er. Umakant Sahoo, MIE Dr. Bimal Sarangi, FIE
Metallurgical & Materials Engineering Division	:	Dr. (Ms.) Sunita Routray, MIE
Mining Engineering Division	:	Er. Ajaya Kumar Biswal, AMIE
Marine Engineering Division	:	Er. Amaresh Rautray, MIE
Production Engineering Division	:	Vacant
Textile Engineering Division	:	Er. Kedarnath Das, FIE
Chairman, Angul Local Centre (2022-24)	:	Er. Satyabadi Mishra, FIE
Chairman, Berhampur Local Centre	:	Er. Bibhudatta Panda, FIE
Chairman, Rourkela Local Centre	:	Er Santosh Kumar Polaki, FIE
Chairman, Sunabeda Local Centre	:	Er. Premananda Maity, FIE
* Council Members		

#### **Honorary Secretaries of Local Centres under the jurisdiction of Odisha State Centre, IEI**

Honorary Secretary, Angul Local Centre, IEI (2022-2024): **Er. Biju K, MIE**

Honorary Secretary, Berhampur Local Centre, IEI: **Er. Pradeep Kumar Patra, MIE**

Honorary Secretary, Rourkela Local Centre, IEI: **Dr. Ajit Behera, MIE**

Honorary Secretary, Sunabeda Local Centre, IEI: **Er Bishoyi Sanjaya Kumar, MIE**

**ANNUAL REPORT OF THE COMMITTEE ON THE ACTIVITIES OF  
ODISHA STATE CENTRE, IEI FOR THE YEAR 2023-2024  
&  
AUDITED ACCOUNTS FOR THE YEAR 2023-2024**

I, on behalf of the Committee, Odisha State Centre, The Institution of Engineers (India), express my gratitude to the Members for having given me the opportunity to present the audited accounts and annual report of Odisha State Centre, The Institution of Engineers (India) for the year 2023-2024.

																<u>As on 31.03.2023</u>	<u>As on 31.03.2024</u>
<b>MEMBERSHIP GROWTH</b>																34,330	34,527
<b>CORPORATE MEMBERS</b>																09,702	9,992
<b>AG</b>	<b>AR</b>	<b>AS</b>	<b>CH</b>	<b>CP</b>	<b>CV</b>	<b>EL</b>	<b>EN</b>	<b>ET</b>	<b>MC</b>	<b>MM</b>	<b>MN</b>	<b>MR</b>	<b>PR</b>	<b>TX</b>	<b>Total</b>		
086	011	010	234	313	2719	2431	059	1083	2341	200	365	029	069	042	9,992		
<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>		
040	007	007	033	026	420	321	025	067	355	044	046	003	025	006	1425		
<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>		
032	002	001	070	091	897	443	027	182	506	056	037	014	020	005	2383		
<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>	<b>AM</b>		
014	002	002	131	196	1402	1667	007	834	1480	100	282	012	024	031	6184		
<b>NON CORPORATE MEMBER</b>																24,628	24,535

65<sup>th</sup> Annual General Meeting of Odisha State Centre, The Institution of Engineers (India) was held on 31st October, 2023 at 1830 hrs under the Chairmanship of Dr. Bhagyadhar Bhoi, FIE. As proposed by Dr. Bhagyadhar Bhoi, FIE, Chairman, a condolence with one minute silence was observed by all Corporate Members present on the demise of Corporate Members during the year 2022-2023. Er. Rabindra Nath Dalai, MIE the Honorary Secretary presented the annual report and audited accounts for the year 2022-2023 audited by M/s SRB and Associates, Chartered Accountants, Bhubaneswar, Odisha which was circulated vide Notice of Odisha State Centre, The Institution of Engineers (India), Ref No.OSC-105(65)/82 dated 15<sup>th</sup> October, 2023. All Corporate Members present appreciated the audited accounts and congratulated to Er. Rabindra Nath Dalai, MIE on his nice presentation of the Annual Report with audited accounts of the Odisha State Centre, The Institution of Engineers (India). The General Body unanimously approved and confirmed the Annual Report, Audited Balance Sheet, Income and Expenditure Accounts of Odisha State Centre, The Institution of Engineers (India) for the year ending 31st March, 2023. On the unanimous opinion of the General Body, the Honorary Secretary brought to the notice of the General Body that Shri S C Bhadra, FCA, Partner, SRB & Associates, Bhubaneswar, Odisha may be appointed as Auditors for the year 2023-2024 with a remuneration of Rs.10,000.00 plus GST service charges as applicable. The Members suggested conducting more and more technical activities in coming days by the State Centre as well as undertaking membership drive to bring more and more engineers to our family and to improve the press and publicity part of the AISS, NCs and other various activities being conducted /organized at the State Centre, IEI. As per agenda, Dr. Bhagyadhar Bhoi, FIE, Chairman, Odisha State Centre, The Institution of



Engineers (India) announced the names of Elected Committee Members for the sessions 2023-2024 to 2024-2025 representing different divisions and congratulated the newly elected Committee Members.

They are as:

Sl No.	ENGINEERING DIVISION	No of Seat/s	Name of the elected Corporate Members/Membership Status & Number
01	AEROSPACE	01	1. Vacant – No election.
02	ARCHITECTURAL	01	MR. PRIYARANJAN PATRA, MIE (M-131842-4)
03	AGRICULTURAL	01	MR. BISHNU PRASAD MISHRA, MIE (M – 121088-7)
04	CHEMICAL	01	MR. CHATURMUKHA PATTNAIK, FIE (F-124684-0)
05	COMPUTER	01	MS. SHARMISTHA JENA, AMIE (AM170431-4)
06	CIVIL	03	1. DR. PRAVAT KUMAR PARHI, FIE (F-111177-5)
07			2. MR. DUKHABANDHU BEHERA, FIE (F-121217-2)
08			3. MR. MANORANJAN MISRA, FIE (F-121218-0)
09	ELECTRICAL	02	1. MR. DILLIP KUMAR SAHOO, MIE (M-141440-7)
10			2. PROF. SANGRAM KESHARI ROURAY, FIE (F-119699-1)
11	ENVIRONMENTAL	01	MR. MANOJA KUMARA DASH, FIE (F-123858-9)
12	ELECTRONICS & TELECOMMUNICATION	02	1. MR. ASIT KUMAR SATAPATHY, MIE (M-160541-5)
13			2. MS. TAPASWINI SAHU, AMIE (AM098309-0)
14	MECHANICAL	02	1. MR. UMAKANT SAHOO, MIE (M-159482-0)
15			2. DR. BIMAL SARANGI, FIE (F-017580-5)
16	METALLURGY & MATERIAL SCIENCE	01	MS. SUNITA ROURAY, MIE (M-150214-4)
17	MINING	01	ER. AJAYA KUMAR BISWAL, AMIE (AM303571-1)
18	MARINE	01	ER. AMARESH RAUTRAY, MIE (M-155129-3)
19	PRODUCTION	01	1. Vacant – No election.
20	TEXTILE	01	ER. KEDARNATH DAS, FIE (F-113695-6)
21	IMMEDIATE PAST-CHAIRMAN		DR. BHAGYADHAR BHOI, FIE (F-111752-8)
22	IMMEDIATE PAST HONORARY SECRETARY		ER. RABINDRA NATH DALAI, MIE (M-152655-8)

Then the Chairman announced the names of Chairman-elect and Honorary Secretary-elect and requested them to take over the Chairs. The newly elected Chairman & Honorary Secretary are:

<b>Chairman</b> <b>PROF. (DR.) SUDHANSU SEKHAR DASH, FIE (F-119698-3 EL)</b>
<b>Honorary Secretary</b> <b>ER. SANGRAM KESHARI PATTNAYAK, FIE (F-123377-3 EL)</b>

**Prof. (Dr.) Sudhansu Sekhar Dash, FIE**, Chairman-elect (for the Sessions 2023-2024 and 2024-2025) and **Er. Sangram Keshari Pattnayak, FIE**, Honorary Secretary-elect (for the Sessions 2023-2024 and 2024-2025) took over as **the Chairman** and **Honorary Secretary** respectively for the sessions 2023-2024 and 2024-2025. After taking over the charges, the Chairman **Prof. (Dr.) Sudhansu Sekhar Dash, FIE** addressed the august gathering at the 65<sup>th</sup> Annual General Meeting and **Er. Sangram Keshari Pattnayak, FIE**, Honorary Secretary, Odisha State Centre, IEI proposed the Vote of thanks to the Chair at 1930hrs.

During the year – **(1) 7 nos. Committee Meetings; (2) 7 nos. Special Technical Events;**

**1.** The affairs of The Institution of Engineers (India) Odisha State Centre were managed by the Committee which met during the year under review 7 times on the following dates:

- 1.1 429<sup>th</sup> Meeting of the Committee on 15<sup>th</sup> June, 2023
- 1.2 430<sup>th</sup> Meeting of the Committee on 27<sup>th</sup> August, 2023
- 1.3 431<sup>st</sup> Meeting of the Committee on 17<sup>th</sup> September, 2023
- 1.4 432<sup>nd</sup> Meeting of the Committee on 15<sup>th</sup> October, 2023
- 1.5 433<sup>rd</sup> Meeting of the Committee on 20<sup>th</sup> November, 2023
- 1.6 434<sup>th</sup> Meeting of the Committee on 12<sup>th</sup> January, 2024
- 1.7 435<sup>th</sup> Meeting of the Committee on 21<sup>st</sup> February, 2024

## 2. Special Technical Events - 5 nos.

- 1.1 11<sup>th</sup> May, 2023– National Technology Day & 12<sup>th</sup> Prof Nityananda Patnaik Memorial Lecture.
- 1.2 17<sup>th</sup> May, 2023 - World Telecommunication and Information Society Day – 2023, Theme: “Empowering the Least Developed Countries through Information and Communication Technologies”
- 1.3 5<sup>th</sup> June, 2023 - World Environment Day – 2023, Theme: “Solutions to Plastic Pollution”.
- 1.4 15<sup>th</sup> September, 2023 - 56<sup>th</sup> Engineers’ Day, Theme: “Engineering a Resilient Future: Building Stronger, Smarter, Safer”.
- 1.5 14<sup>th</sup> December, 2023 - National Energy Conservation Day 2023.
- 1.6 4<sup>th</sup> March, 2024 - World Engineering Day For Sustainable Development, Theme: “Engineering Solutions for a Sustainable World”.
- 1.7 23<sup>rd</sup> March, 2024 - 63<sup>rd</sup> ANNUAL TECHNICAL SESSION & 20<sup>th</sup> Prof Bhubaneswar Behera Memorial Lecture

The 63<sup>rd</sup> ANNUAL TECHNICAL SESSION & 20<sup>th</sup> Prof Bhubaneswar Behera Memorial Lecture of Odisha State Centre, The Institution of Engineers (India) was held on 23<sup>rd</sup> March, 2024 at IEI auditorium of Odisha State Centre, Bhubaneswar. The meeting was presided by Prof (Dr.) Sudhansu Sekhar Dash, FIE, Chairman, Odisha State Centre, IEI. Er. Dharmananda Sarangi, Director General (Road Development) and Special Secretary, Ministry of Road Transport and Highways, Government of India and Dr. Trinath Sahoo, FIE, Chief General Manager (Project), Indian Oil Corporation Limited, Paradip Refinery graced the occasion as the Chief Guest and The Chief Speaker; Guest of Honour respectively. Dr. Nutan Kumar Dash, FIE, Vice President, The Institution of Engineers (India) has kindly agreed to honour us with his presence. The Chief Guest, Er. Dharmananda Sarangi delivered the 20<sup>th</sup> Professor Bhubaneswar Behera Memorial Lecture, the Chief Guest, Guest of Honour and Vice President, IEI as well as the Chairman garlanded the portrait of Bharat Ratna, Sir M Visvesvaraya. Then the welcome address was delivered by Prof (Dr.) Sudhansu Sekhar Dash, FIE, Chairman, Odisha State Centre, The Institution of Engineers (India). The Chairman in his welcome address noted that in the commemorative event stands as a testament to our unwavering commitment to excellence, innovation, and the continual advancement of engineering knowledge. For over sixty years, the Annual Technical Session has served as a key element of our institution, fostering an environment conducive to the sharing of ideas, knowledge, and perspectives among professionals from various industry professional, academic scholars, and emerging engineers. Dr. Trinath Sahoo, FIE, Guest of Honour, addressed the gathering that The Institution of Engineers (India) has a rich history of convening Meetings, Sessions, and Annual Conventions across diverse locations and different topics. These gatherings serve as a platform to facilitate extensive interactions and knowledge exchange among engineers. The intersection of engineering disciplines, fostering ground breaking innovation by merging various fields will solve complex challenges of society. Diverse sub-themes, from nano materials to secure digital networks, highlight engineering’s all pervasive nature. The Chief Guest, Er. Dharmananda Sarangi, Director General (Road Development) and Special Secretary, Ministry of Road Transport and Highways, Government of India delivered the 20<sup>th</sup> Memorial Lecture of Professor Bhubaneswar Behera. In his address, he elaborated the commitment of Institution of Engineers (India), Bhubaneswar to promote excellence in engineering and honoring the legacy of Professor Behera is truly commendable. Your commitment to fostering innovation, collaboration, and knowledge exchange is truly inspiring. This technical session is indeed a big platform for the experts, researchers, academicians, field engineers, Ph D scholars and corporate members of the Institution of Engineers to congregate in a common forum and deliberate their research outcomes for effective awareness and applications for the wellbeing of the society. Skill and competencies of the youth mass are barely necessary for the development of the nation. I am sure the deliberations at the 63<sup>rd</sup> Annual Technical Session will benefit all delegates and that the presentations by eminent experts shall be useful to all the stakeholders involved. At the end Er. Sangram Keshari Pattnayak, FIE, Honorary Secretary, Odisha State Centre, the Institution of Engineers (India) extended Vote of Thanks.



Technical sessions were conducted. Both Technical Sessions were conducted under the Session Chairmanship Er. Kedarnath Das, FIE, former HOD & Professor, Textile Engineering department, College of Engineering & Technology, Bhubaneswar and Session Coordinator was Er. Balakrushna Dash, AMIE, Scientific Officer - C, Institute of Physics, Bhubaneswar is an Institute under DAE (Directorate of Atomic Energy). There were 46 high order technical articles published in the 63rd Technical Annual. 20 technical articles were presented in the Technical Sessions.

On the Valedictory Session Prof. Amiya Kumar Rath, Vice Chancellor, Biju Patnaik University of Technology (BPUT) has graciously accepted the Chief Guest. The meeting was presided by Prof (Dr.) Sudhansu Sekhar Dash, FIE, Chairman, Odisha State Centre, IEI. The award & prize to present the eminent authors winning the best paper of the 63rd Annual Technical session by the Chief guest Prof. Amiya Kumar Rath, Vice Chancellor, Biju Patnaik University of Technology (BPUT). After the award presentation the Chief Guest delivered his address the whole world is undergoing massive changes in the knowledge era with continuous technological advances day by day. In this context, the deliberations of the technical papers presented in the Technical Session and the sharing of the thoughts among the delegates and dignitaries will be very much effective for the participants. I wish that, the research contributions made by the authors will have equitable access and it will reflect in imparting the quality education system in our country. At the end Er. Sangram Keshari Pattnayak, FIE, Honorary Secretary, Odisha State Centre, the Institution of Engineers (India) extended Vote of Thanks.



**LIBRARY**

During the year 2023-2024, 3560 visitors visited the Library as well as Office and availed the Library facilities. As on 31st March, 2024, 2266 Borrower Cards have been issued to our Corporate Members, Senior Technicians and Technician Members. The total number of books available in the Library at the end of 2023-2024 are 7,021.

**INSTITUTION EXAMINATION**

During the year 2022-23, the State Centre conducted examinations where following number of candidates registered their names to appear the examinations.

Session of Examination	No of Candidates Registered
Summer 2023	127
Winter 2022	178

**ACKNOWLEDGEMENT**

I am thankful to Prof (Dr.) Sudhansu Sekhar Dash, FIE, Chairman, Prof (Dr.) S C Naik, FIE, Past-President, IEI; Er Ashok Basa, FIE, Past-President, IEI; Er Nutan Kumar Dash, FIE, Past-Chairman, Vice-President, IEI & Council Member (IEI,OSC), Dr R Bhima Rao, FIE, Past-Chairman, Chairman & Council Member (CHDB), IEI, Dr Bhagyadhar Bhoi, FIE, Immediate Past-Chairman, Prof (Dr.) K K Rout, FIE, Past-Chairman, Prof (Dr.) P K Parhi, FIE, Past-Chairman, Dr R K Biswal, FIE, Past-Chairman, Er P K Giri, FIE, Past-Chairman, Dr L K Bisoyi, FIE, Past-Chairman, Er S K Ray, FIE, Past-Chairman, Dr. R M Patnaik, FIE, Past-Chairman, Er S K Rath, FIE, Past-Chairman, Er R K Das, FIE; Past-Chairman, Er. Rabindra Nath Dalai, MIE, Immediate Past Honorary Secretary, Er R K Prusti, MIE, Past Honorary Secretary, Prof (Dr) Sayed Majid Ali, FIE, Past Honorary Secretary, Committee Members and Engineer-friends, for their valuable guidance and advice on different activities performed by Odisha State Centre, IEI. I shall fail in my duty if, I do not mention my thanks to all Corporate Members, for their hearty cooperation to make all the activities a success. I also place on record with pleasure the ungrudging hard work rendered/discharged by the staff members of the Odisha State Centre, IEI particularly Shri Tapan Kumar Jena, Office-in-Charge, OSC, and others. I extend my hearty thanks to Member of press and electronic media, Editors of local dailies, Media People for their efforts to transmit the deliberations of the Odisha State Centre, The Institution of Engineers (India) to wider sphere in the society for benefit of mankind.

Long Live Engineering Fraternity. Jai Hind

(Sangram Keshari Pattnayak)  
Honorary Secretary

AUDITED ACCOUNTS – 2023-2024

**The accounts for the year 2023-2024 was audited by M/s SRB & Associates, Chartered Accountants, Bhubaneswar, Odisha. The Auditor's Report and the Balance Sheet are annexed. The Financial outlook statement is as follows at the end of 31<sup>st</sup> March, 2024.**

As on 1 <sup>st</sup> April, 2023 2024 (In Rupees)		As on 31 <sup>st</sup> March,  (In Rupees)
<b>1,48,59,338.18</b>	<b>1. ASSETS</b>	<b>1,52,84,716.14</b>
	<b>2. INCOME &amp; EXPENDITURE</b>	
<b>20,27,208.00</b>	INCOME	<b>31,60,780.82</b>
<b>13,85,637.79</b>	EXPENDITURES	<b>21,49,302.36</b>
<b>6,41,570.21</b>	Excess of Income over Expenditure	<b>10,11,478.46</b>
-	Excess of Expenditure over Income	-
	<b>3. RECEIPTS &amp; PAYMENTS</b>	
<b>26,55,742.30</b>	RECEIPTS	<b>42,95,183.64</b>
<b>14,02,175.00</b>	PAYMENTS	<b>27,04,485.96</b>
<b>12,53,567.30</b>	INVESTMENT	<b>15,90,697.68</b>
	<b>4. INVESTMENTS</b>	
<b>16,43,749.00</b>	PRIZE FUND	<b>17,29,753.00</b>
<b>06,60,000.00</b>	BUILDING FUND	<b>06,60,000.00</b>
<b>23,20,927.00</b>	GENERAL FUND	<b>24,55,788.00</b>
<b>12,53,567.30</b>	SAVINGS BANK	<b>15,90,697.68</b>
<b>Honorary Secretary Odisha State Centre The Institution of Engineers (India)</b>		
Dated: 29 <sup>th</sup> May, 2024		

**INDEPENDENT AUDITORS' REPORT**

**To**  
**The Institution of Engineers (India),**  
**Odisha State Centre Bhubaneswar**

**Opinion:**

We have audited the accompanying Financial Statements of The Institution of Engineers (India), Odisha State Centre Bhubaneswar which comprises the Balance Sheet as at March 31, 2024 and Income & Expenditure Statement for the year ended on that date and a summary of significant accounting policies and other explanatory information.

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements give the information required by the Act, in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the Company as at March 31, 2024, the Income & Expenditure for the year ended on that date.

**Basis for Opinion:**

We conducted our audit of the Financial Statements in accordance with the Standards on Auditing, generally applicable in India. Our responsibilities under those Standards are further described in the Auditor's Responsibility for the Audit of the Financial Statements section of our report. We are independent of the Institution in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India together with the ethical requirements that are relevant to our audit of the financial statements under the provision of the Act and Rules made there under, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code of Ethics.

We believe that the audit evidence we have obtained is appropriate to provide a basis for our opinion.

**Management's Responsibility for the Financial Statements:**

The Institution is responsible with respect to the preparation of these financial statements that give a true and fair view of the financial position, financial performance, of the Institution in accordance with the accounting principles generally accepted in India, including the Accounting Standards. This responsibility also includes the maintenance of adequate accounting records in accordance with the provision of the Act for safeguarding of the assets of the Institution and for preventing and detecting the frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial control,

that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statement, management is responsible for assessing the ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate or to cease operations, or has no realistic alternative but to do so.

**Auditor’s Responsibility for the Audit of the Financial Statement:**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor’s report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal financial control relevant to the audit in order to design audit procedures that are appropriate in the circumstances.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the management.
- Conclude on the appropriateness of management’s use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institution’s ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor’s report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor’s report. However, future events or conditions may cause to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We report that

- a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
- b) In our opinion, proper books of account as required by law have been kept by the Institution so far as appears from our examination of those books;
- c) The Balance Sheet, the Statement of Income and Expenditure dealt with by this Report are in agreement with the books of account.

For SRB & Associates  
Chartered Accountants  
F. Regn. No: 310009E

S.C.Bhadra, FCA  
Partner  
M. No.017054  
UDIN: 24017054BKLTJW7379  
Place: Bhubaneswar  
Date: 29th May, 2024

**NOTES ON ACCOUNTS FOR THE YEAR ENDED 31<sup>st</sup> March, 2024**

1. (a) Title Deeds of land, since the Lease Deed is in the possession of IEI Hqrs and the Deed has been kept by Headquarter, Kolkata.
- (b) The Institution of Engineers (India) Odisha State Centre is in legal possession of the land in which the building has been constructed and Odisha State Centre, the Institution of Engineers (India) is duly authorized for its use.
- (c) Yes, the Lease Deed is valid. The Lease Deed has issued in favour of The Institution of Engineers (India), Odisha State Centre, Bhubaneswar on 20<sup>th</sup> August, 1966 for term of ninety years, i.e., valid up to 20<sup>th</sup> August, 2056.
- (d) The present position of the building of Odisha State Centre, the Institution of Engineers (India), Bhubaneswar has been constructed since long is duly authorized for its use and which also duly certified by Chartered Engineer.
- (e) The present cost of the building is Rs.52, 17,274.80 during the year in addition to the building renovation cost of Auditorium Nil and other related expenditure in connection with the building as on 31.03.2024 shown under the head land & Building in the Balance Sheet.
- (f) The Lease Deed/Building is free from encumbrances.
- (g) The entire lease/granted land in favour of The Institution of Engineers (India), Odisha State Centre are utilizing by its own purposes and the entire property is in the possession of the Institution of Engineers (India), Odisha State Centre and no sub-letting or otherwise use of the property by no other organization has been made.
- (h) The Asset Register has been maintained properly. The Asset Register agreed with the general ledger balance. During 2023-24, the physically verification of fixed assets are being made and the figures of assets are tally with the balance as on 31<sup>st</sup> March, 2024. The locations of assets are at IEI Odisha State Centre, cost and nature of assets are also mentioned in the Asset Register.
- (i) Yes, the fixed assets of the Odisha State Centre, The Institution of Engineers (India) were physically verified by the Management during the financial year 2023-24 as on 31<sup>st</sup> March, 2024.
- (j) Yes, the physically verification of cash balance and original fixed deposits were made, the detailed statements are annexed (Annexure – IV).
- (k) Yes, we have physically verified all the investments and a copy of details of such investments are attached with the balance sheet, annexed (Annexure – IV) also.
- (l) Tax has not been deducted from the Salary and the staffs are paying their tax at their own level. TDS are being Deducted and deposited to Income Tax Authority through The Institution of Engineers (India) Hqrs., Kolkata during the financial year 2023-24.
- (m) In our opinion and to the best of our information and according to the explanations given to us the Balance Sheet and the Income & Expenditure Account together with the notes thereon give a true and fair view of the state of affairs of The Institution of Engineers (India), Odisha State Centre as on 31<sup>st</sup> March, 2024.
2. (a) The building has been completed since long and no renovation of Auditorium building work is done during the financial year 2023-24.
- (b) There is no contingent liability in respect of Suit filed against the Odisha State Centre, The Institution of Engineers (India), Bhubaneswar, Odisha.
- (c) Confirmation of balance certificate from the banks have been obtained and Verified and tallied with the balance sheet.
3. The Stock of Stores/stationery has been maintained properly guidance with the Honorary Secretary/Chairman and Guidance of Management, also.
4. No comments. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for our audit were very satisfactory.

For SRB & Associates  
Chartered Accountants  
F.R.N – 0310009E

S C Bhadra, FCA  
Partner  
M No - 017054  
UDIN: 24017054BKLTJW7379  
Place: Bhubaneswar  
Date: 29th May, 2024.



**THE INSTITUTION OF ENGINEERS(INDIA)**  
**ODISHA STATE CENTRE, BHUBANESWAR, ODISHA**  
**BALANCE SHEET AS AT 31ST MARCH, 2024**

		Figures in Rupees		
Previous Year	LIABILITIES	Current Year	Previous Year	ASSETS
	<b>RESERVES &amp; SURPLUS</b>			<b>FIXED ASSETS</b>
77,56,641.01	As per Schedule 'A'	87,68,119.47	52,17,274.80	<b>LAND &amp; BUILDING</b>
43,73,962.73	<b>BUILDING FUND</b>	43,73,962.73		As per Last Account
	As per Last Account			Addition during the Year
	Add: Grant from Headquarters			<b>FURNITURE &amp; EQUIPMENTS</b>
				As per Last Account
4,08,122.06	<b>FURNITURE FUND</b>	4,08,122.06	1,37,556.57	Addition during the Year
	As per Last Account			<b>FURNITURE &amp; EQUIPMENTS FOR BUILDING</b>
	Add: During the Year			As per Last Account
10,18,571.96	<b>PRIZE FUND</b>	10,18,571.96	1,22,411.00	Addition during the Year
	As per Last Account			<b>LIBRARY BOOKS</b>
	Add: During the year			As per Last Account
11,18,240.42	<b>CURRENT LIABILITIES &amp; PROVISIONS</b>	10,18,571.96	23,20,927.00	Addition during the Year
	As per Schedule 'C'			<b>INVESTMENT (GENERAL)</b>
				As per Schedule 'E'
1,83,800.00	<b>LIBRARY DEPOSITS</b>	5,32,139.92	6,60,000.00	<b>BUILDING FUND INVESTMENT</b>
	As per Schedule 'D'			As per Schedule 'F'
				<b>PRIZE FUND INVESTMENT</b>
				As per Schedule 'G'
				<b>LOANS AND ADVANCES</b>
				As per Schedule 'H'
				<b>SUNDRY DEBTORS</b>
				As per Schedule 'I'
				<b>CASH AND BANK BALANCES</b>
				As per Schedule 'J'
				<b>HEAD QUARTERS ACCOUNT</b>
				As per Schedule 'J'
<b>1,48,59,338.18</b>		<b>1,52,84,716.14</b>	<b>1,48,59,338.18</b>	

As per our report even date  
 For SRB & Associates  
 Chartered Accountants  
 FRN NO- 310009E



S.C.Bhadra, FCA  
 Partner  
 MR NO-017054  
 UDIN: 2407054BKLIJW7379  
 Place: Bhubaneswar  
 Dated: 29th May, 2024

The Institution of Engineers(India)  
 Odisha State Centre

*(Signature)*  
 29/05/24  
 Prof. (Dr.) Sudhansu Sekhar Dash  
 Chairman

*(Signature)*  
 29/05/2024  
 Er. Sangham Keshari Pattnayak  
 Honorary Secretary

The Institution of Engineers (India)  
 Odisha State Centre, Bhubaneswar  
 Honorary Secretary  
 The Institution of Engineers (India)  
 Odisha State Centre, Bhubaneswar

**THE INSTITUTION OF ENGINEERS(INDIA)  
ODISHA STATE CENTRE, BHUBANESWAR, ODISHA  
RECEIPTS AND PAYMENT ACCOUNT FOR THE PERIOD ENDED AS ON 31ST MARCH, 2024**

RECEIPTS	AMOUNT(Rs.)	AMOUNT(Rs.)	PAYMENTS	AMOUNT(Rs.)	AMOUNT(Rs.)
Opening Balance:			<b>Establishment Exp</b>		
<b>Cash in Hand</b>	4,259.00		Salaries, Wages with G.P	3,37,200.00	
<b>Cash at Bank</b>			Dearness Allowances	1,01,160.00	
SB A/c No.0065 Union Bank of India	6,91,679.43		Transport Allowances	28,080.00	
SB A/c No.4540 Union Bank of India	2,38,725.70		Wages & Remmunitration	2,56,750.00	7,23,190.00
SB A/c No.10872160183 Suate Bank of India	3,00,483.13		<b>Examination Expenses</b>		
SB A/c No.2008763060-2 Bank of Maharashtra	6,526.00	12,53,567.30	Summer Examination	44,467.00	89,952.00
SB A/c No.00939460000300- YES BANK	11,894.04		Winter Examination	45,485.00	
<b>Grant for Examination</b>			<b>Exp. for Tech. Activities</b>		
Grant for Summer Exam	84,890.00		Engineers Day Celebration	4,000.00	
Grant for Winter Examination	26,486.00	1,11,376.00	Lectures & Paper Meeting	14,735.00	
			National Tech Day	753.00	
			Energy Conservation Day	18,268.16	
			World Environmental Day	914.00	
<b>Grant from Head Office</b>			<b>General Charges</b>		38,670.16
Grant for Recurring	6,36,826.00	6,36,826.00	Gardening Expenses	13,775.00	13,775.00
			<b>Meeting Expenses</b>		
<b>Receipt on Technical Activities</b>			Election Expenses	34,167.00	
Retiring Room	14,500.00		Annual General Meeting	5,000.00	
Service Charges for Auditorium	5,57,380.00		Committee Meeting	43,388.69	
Service Charges for PA System	1,000.00		63 nd Annual Technical Session 23.03.2024	2,40,854.32	3,23,410.01
63 nd Annual Technical Session 23.03.2024	9,53,006.00	15,25,886.00	<b>Misc Expenses</b>		
			Bank Charges	125.62	
			Misc Exps/Legal Exps	13,000.00	13,125.62
<b>Other Receipts</b>			<b>Office Expenses</b>		
Interest on Fixed & Term Deposits	90,462.00		Books & Periodical		
Interest on Saving Bank	38,402.00		Electricity Charges	1,96,222.00	
Income from Advertisement	4,23,728.82	5,52,592.82	Postage & Telegram	2,280.00	
			Printing & Stationary	10,841.26	
Output GST	1,50,521.18	2,14,934.18	Professional Fees Charges	6,000.00	
IEI Head qtr	64,413.00	1.34	Telephone & Telex	14,508.00	2,29,851.26
Rounded off			Internet Website		
			<b>Repair &amp; Maintenance</b>		
			Repair & Maint Electrical Equipments	67,763.93	
			Repair & Maintenance Of AC		
			Repair & Maint Office Equipments	26,837.30	
			Repair & Mant of Building	2,10,134.58	3,04,735.81
			<b>Seminar &amp; Symposia</b>		
			Up-Keep Office & Retiring Rooms	7,295.58	7,295.58



  
 29/05/24  
 29/05/2024

Previous Year		EXPENDITURE		Current Year		INCOME		Previous Year		Current Year	
R&D	Education	R&D	Education	R&D	Education	Total		R&D	Education	R&D	Education
		<b>Examination Expenses</b> Edn. 100%    R&D. 0%    Edn. 100%    R&D. 0% Summer    Winter 39,781.00    1,02,056.00				2,44,894.00 2,00,555.00					
		<b>General Charges</b> R&D 80%    Edn. 20%    R&D 80%    Edn. 20% To Gardening Expenses 636.00				2,755.00					
		<b>Miscellaneous Expenses</b> Miscellaneous Expenses/Legal Expenses Rounded off/written off Bank Charges Audit Fees 0.96    -    -    -    -    - 9,440.00    2,360.00				4,622.00 2,177.98 25.12 2,360.00					
		<b>Total Expenses</b> 5,82,434.89    8,03,202.90				10,81,171.42					
		<b>To Excess of Income over expenditure</b> 10,65,687.31    -4,24,117.10				-6,87,835.66					
		<b>16,48,122.20    3,79,085.80</b>				<b>31,60,780.82</b>					
		<b>Total Income</b> 27,47,445.06									
		<b>To Excess of expenditure over Income</b> 27,47,445.06									
		<b>16,48,122.20    3,79,085.80</b>				<b>31,60,780.82</b>					

The Institution of Engineers (India)  
Odisha State Centre



As per our report even date  
For: SRB & Associates  
Chartered Accountants  
FRN NO-310009E

S.C.Bhadra, FCA  
Partner  
MR NO-017054  
UDIN: 2407054BKL TJW 7379  
Place: Bhubaneswar  
Dated: 29th May, 2024

*(Signature)*  
29/05/24  
Prof. (Dr.) Sudhansu Sekhar Dash  
Chairman

*(Signature)*  
29/05/2024  
Er. Sangram Keshari Pattanayak  
Honorary Secretary

**The Institution of Engineers (India)**  
Odisha State Centre, Bhubaneswar

**The Institution of Engineers (India)**  
Odisha State Centre, Bhubaneswar

**THE INSTITUTION OF ENGINEERS(INDIA)  
ODISHA STATE CENTRE, BHUBANESWAR, ODISHA  
RECEIPTS AND PAYMENT ACCOUNT FOR THE PERIOD ENDED AS ON 31ST MARCH, 2024.**

RECEIPTS	AMOUNT(Rs.)	AMOUNT(Rs.)	PAYMENTS	AMOUNT(Rs.)	AMOUNT(Rs.)
Opening Balance:			<b>Establishment Exp</b>		
<b>Cash in Hand</b>	4,259.00		Salaries, Wages with G.P	3,37,200.00	
<b>Cash at Bank</b>			Dearness Allowances	1,01,160.00	
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SB A/c No.4540 Union Bank of India	2,38,725.70		Wages & Remuneration	2,56,750.00	7,23,190.00
SB A/c No.10872160183 State Bank of India	3,00,483.13				
SB A/c No.2008763060-2 Bank of Maharashtra	6,526.00	12,53,567.30	<b>Examination Expenses</b>		
SB A/c No.00939460000300-YES BANK	11,894.04		Summer Examination	44,467.00	89,952.00
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<b>Grant for Examination</b>			<b>Exp. for Tech. Activities</b>		
Grant for Summer Exam	84,890.00	1,11,376.00	Engineers Day Celebration	4,000.00	
Grant for Winter Examination	26,486.00		Lectures & Paper Meeting	14,735.00	
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<b>Grant from Head Office</b>			<b>General Charges</b>		
Grant for Recurring	6,36,826.00	6,36,826.00	Gardening Expenses	13,775.00	13,775.00
			<b>Meeting Expenses</b>		
<b>Receipt on Technical Activities</b>			Election Expenses	34,167.00	
Retiring Room	14,500.00		Annual General Meeting	5,000.00	
Service Charges for Auditorium	5,57,380.00		Committee Meeting	43,388.69	
Service Charges for PA System	1,000.00		63 nd Annual Technical Session 23.03.2024	2,40,854.32	3,23,410.01
63 nd Annual Technical Session 23.03.2024	9,53,006.00	15,25,886.00	<b>Misc Expenses</b>		
			Bank Charges	125.62	
			Misc Exps/Legal Exps	13,000.00	13,125.62
<b>Other Receipts</b>			<b>Office Expenses</b>		
Interest on Fixed & Term Deposits	90,462.00		Books & Periodical	-	
Interest on Saving Bank	38,402.00		Electricity Charges	1,96,222.00	
Income from Advertisement	4,23,728.82	5,52,592.82	Postage & Telegram	2,280.00	
			Printing & Stationary	10,841.26	
Output GST	1,50,521.18	2,14,934.18	Professional Fees Charges	6,000.00	
IEI Head qtr	64,413.00		Telephone & Telex	14,508.00	2,29,851.26
Rounded off		1.34	Internet Website		
			<b>Repair &amp; Maintenance</b>		
			Repair & Maint Electrical Equipments	67,763.93	
			Repair & Maintenance Of AC	-	
			Repair & Maint Office Equipments	26,837.30	3,04,735.81
			Repair & Mant of Building	2,10,134.58	
			<b>Seminar &amp; Symposia</b>		
			Up-Keep Office & Retiring Rooms	7,295.58	7,295.58



29/05/24  
S.R.B. & Associates  
29/05/2024

RECEIPTS	AMOUNT(Rs.)	AMOUNT(Rs.)	PAYMENTS	AMOUNT(Rs.)	AMOUNT(Rs.)
			<b>Other Payments</b>		
			Input GST		1,22,165.33
			TDS		13,602.00
			Purchase of Furniture & Equipment		207641.52
			Payment to Magic script digital		10,000.00
			Payment to B.N.Construction		5,00,000.00
			Payment to Auditor for FY 2021-22		11,800.00
			Payment to Rediant Enterprise		95,271.00
			Rounded off		0.67
			<b>Closing Balance:</b>		
			Cash in Hand		8,870.00
			<b>Cash at Bank</b>		
			Union Bank of India-A/c No-00065		8,07,064.81
			Union Bank of India-A/c No-04540		4,07,838.70
			State Bank of India A/c No.10872160183		3,48,504.13
			Bank of Maharashtra- A/c No- 2008763060		6,526.00
			YES BANK-A/c No.009394600000300		11,894.04
			<b>TOTAL</b>	<b>42,95,183.64</b>	<b>42,95,183.64</b>

As per our report even date  
For SRB & Associates  
Chartered Accountants  
FRN NO- 310009E



S.C.Bhadra, FCA  
Partner

MR NO-017054

UDIN: 24017054 BKL-TJW7379

Place: Bhubaneswar

Dated: 29th May, 2024

The Institution of Engineers(India)  
Odisha State Centre

*(Signature)*  
29/05/24  
Prof. (Dr.) Sudhansu Sekhar Dash  
Chairman

The Institution of Engineers(India)  
Odisha State Centre

*(Signature)*  
Er. Sangram Keshari Pathrayak  
Honorary Secretary

Chairman

The Institution of Engineers (India)  
Odisha State Centre, Bhubaneswar

Honorary Secretary

The Institution of Engineers (India)  
Odisha State Centre, Bhubaneswar

<b>Year-wise Investment of Funds towards Furniture and Equipments; Furniture &amp; Equipments for Building and Fixed Assets LAND &amp; BUILDING, etc of ODISHA STATE CENTRE, The Institution of Engineers (India)</b>			
Year	Furniture and Equipments (Investment in Rupees)	Furniture & Equipments for Building (Investment in Rupees)	Fixed Assets LAND & BUILDING (Investment in Rupees)
1960-61	Rs.00,842.69		
1961-62	Rs.00,693.50		
1962-63	Rs.00,578.30		
1963-64	Rs.00,470.00		
1964-65	Rs.00,443.54		
1965-66	Rs.11,177.71		
1966-67	Rs.16,629.01		
1967-68	Rs.04,668.61		
1968-69	Rs.33,136.25		
1969-70	Rs.03,975.54		
1970-71	Rs.07,491.51		
1971-72	Rs.02,439.11		
1972-73	Rs.06,654.00		
1973-74	Rs.02,249.68		
1974-75	Rs.01,103.20		
1975-76	Rs.06,182.50		
1976-77	Rs.04,574.65		
1977-78	Rs.00,035.00		
1978-79	Rs.02,572.15		
1979-80	Rs.03,920.00		
1980-81	Rs.05,000.00		
1981-82	Rs.07,345.06		
1982-83	Rs.07,094.33		
1983-84	<u>Rs.03,989.36</u>		
As per above List (i) Cost of Assets from			
1960-61 to 1983-84	<u>01,33,265.70</u>		
<b>(ii) However, IEI hqrs. preformed Audit, cost of Assets upto 1983-84 taking depreciation into consideration is</b>			
as on 30.06.1984	00,25,611.97	00, 01,605.00	03,55,807.00
1.7.1984 to 30.6.1985	Nil	Nil	Nil
1.7.1985 to 30.6.1986	Nil	00,13,466.00	Nil
1.7.1986 to 30.6.1987	Nil	00,24,041.40	Nil
1.7.1987 to 31.3.1988	Nil	00,10,779.54	Nil
1.4.1988 to 31.3.1989	Nil	00,35,414.93	00,21,945.00
1.4.1989 to 31.3.1990	00,06,076.00	Nil	Nil
1.4.1990 to 31.3.1991	00,01,619.20	Nil	Nil
1.4.1991 to 31.3.1992	00,12,317.54 (4thIEC)	Nil	Nil
1.4.1992 to 31.3.1993	00,43,548.60	Nil	Nil
1.4.1993 to 31.3.1994	00,38,059.00	Nil	Nil
1.4.1994 to 31.3.1995	00,41,143.00	00,26,559.70	Nil
1.4.1995 to 31.3.1996	00,18,347.00	Nil	06,18,897.00
1.4.1996 to 31.3.1997	01,29,681.50	Nil	Nil
1.4.1997 to 31.3.1998	00,53,555.00	Nil	01,51,674.00
1.4.1998 to 31.3.1999	00,37,059.00	Nil	00,63,762.00
1.4.1999 to 31.3.2000	01,37,657.40	Nil	Nil
1.4.2000 to 31.3.2001	01,02,154.40	Nil	Nil
1.4.2001 to 31.3.2002	00,75,729.00	00,13,420.00	Nil
1.4.2001 to 31.3.2002	00,67,450.00 (17thNCCE)	Nil	Nil
1.4.2002 to 31.3.2003	00,39,645.00	Nil	Nil
1.4.2003 to 31.3.2004	00,90,404.00	Nil	01,44,228.00
1.4.2004 to 31.3.2005	01,38,820.00	Nil	Nil
1.4.2005 to 31.3.2006	00,64,911.00	Nil	01,94,164.00
1.4.2006 to 31.3.2007	00,02,735.00	12,270.00	01,65,827.50
1.4.2007 to 31.3.2008	00,41,254.00	Nil	01,60,342.50
1.4.2008 to 31.03.2009	00,29,662.00	Nil	01,12,463.00
1.4.2009 to 31.03.2010	00,12,064.00	Nil	Nil
1.4.2010 to 31.03.2011	01,35,856.00	Nil	Nil
1.4.2011 to 31.03.2012	00,48,914.00	Nil	Nil
1.4.2012 to 31.03.2013	00,01,670.00	Nil	Nil
1.4.2013 to 31.03.2014	00,42,197.00	Nil	07,68,615.00
1.4.2014 to 31.03.2015	02,35,300.00	Nil	02,43,194.00
1.4.2015 to 31.03.2016	00,07,900.00	Nil	03,86,839.00
1.4.2016 to 31.03.2017	Nil	Nil	02,23,494.00
1.4.2017 to 31.03.2018	02,60,900.00	Nil	01,92,300.00
1.4.2018 to 31.03.2019	01,19,953.06	Nil	02,98,000.00
1.4.2019 to 31.03.2020	01,54,680.06	Nil	02,86,123.60
1.4.2020 to 31.03.2021	3,32,820.96	Nil	Nil
1.4.2021 to 31.03.2022	Nil	Nil	08,29,599.20
1.4.2021 to 31.03.2022	Nil	Nil	08,29,599.20
1.4.2022 to 31.03.2023	Nil	Nil	Nil
1.4.2023 to 31.03.2024	<u>2,07,641.52</u>	<u>Nil</u>	<u>Nil</u>
<b>Total till end of Mar 2024</b>	<b>27,57,336.15</b>	<b>01,37,556.57</b>	<b>52,17,274.80</b>

**The Important Furniture are as on 31.03.2024**

1. Air Conditioner	25	36. Samsung SCX 0 4521F (Fax - 1)	01
1.A Display Board (displayed at the entrance-big)	01	37. Street Light Crompton G (Pole + LED)	09
1.B Philips Led TV(during 2014-15)	02	38. UPS -S (30 min)	02
1.C SteelAlmirah (size 78"X39"X20")(during 2014-15)	02	39. 15' Exhaust Fan	05
1.D HP-15 Note Book (Lap-Top)	01	40. Whiter Marker Boar5d with Stands (4' x 3')	01
2. Almirah	08	41. Computer	02
3. Addressograph Machine	01	42. Electric Lawn Mower (1 HP)	01
4 Book Case	46	43. Computer Wooden Table	02
5. Book Shelves	03	44. Exhaust Fan (Qtr.)	00
6. Black Board (with Stand -2)	03	45. Computer Chair	03
7. Duplicate Machine (Purchase - 1988)	01	46. Dais Table (Side Table Teakwood Made)	02
8. Fan 71		47. Colored TV	01
9. Flower Vessel	03	48. Laser Pointer	01
10. Franking Machine	01	49. Philips Light (at Dias)	02
11. Voltage Stabilizer	04	50. Cushion Chairs (Plastic)	22
12 Guest room furnishing complete	02	51. Spl. High Back Chairs	02
13. Locks	27	52. Wooden TV Stand	01
14. Marut Sprayer 9 ltr	01	53. Wooden Corner Stand	01
15. Network 14+ Electronic Typewriter	01	54. Frame/Lamination of Code of Ethics	01
16. Projectors (Film,. Side Overhead) (Phil OH Project)	02	55. Steel Racks	06
17. P A System		56. Cabin Fan - (2 Nos. (Crompton) 1 Pc.)	03
a) Amplifier	04	57. Computer Table	01
b) Speaker	09	58. Sign Board, IEI OSC	01
c) Microphone	11	59. Numbering Machine 1 + Calculator (Casio)	01
18. Servicing Bowl for Dinner	02	60. Steel Racks (78"X36"X15")	05
19. Tables	225	61. HP Printer (1566) & HP Scanner (7000)	01
20. Weight Scale	01	62. Ornet Model - Moulded VisitorsArm Chairs (Black-Red) 16	
21. Steel Trunk	04	63. Water Heater	01
22. Water Pump	02	64 Display Notice Board (4' x 4')Acrylic Glass Cover	01
23. Sofa Sets	03	65 Display Notice Board (4' x 3')	01
24. Emergency Light	01	66 Inverter For office	01
25. Teakwood with Formaica table 12'x2'x2.5'	01	67 LCD projector	02
26. Show Case 4'6" x 2'6"	01	68 Bed for Guest House (One Double bed + One Single bed) 2	
27. Ahuja Sound System 1 set	01	69 Aluminum Ladder 12ft.	01
28. Electric Meter (Staff Quarters)	06	70 Aquagard Water Purifier	01
29. Wall clocks	03	71 ARO Water Purifier	01
30. Tape recorder/Cassette recorder	02	72 Steel Chair	50
31. 2'6" (Bronze made) Statue of Sir MV	01	73 Sony Recorder	1
32. 2'6" (Plaster of Paris) Statue of Sir MV	01	74 Fire Extinguisher	3
33. Tea Container (Steel) (Big-1) (Small -1)	02	75 FootPaddleSantinizeStandandAutomaticSanitizerDispenser 1	
34. Moulded Chair - CHR 4001	300	76 Wooden Big Chair	2
35. Tripod Stand Screen	01	77 4 Ton Tower AC	03