

# **COMPLIANCE OF ACADEMIC AUDIT**



TIPS/SS-IP/2025/461

24.01.2025

The Affiliation Branch

Guru Gobind Singh Indraprastha University

Sector 16 C, Dwarka,

New Delhi

*OTC*  
*Sales*  
*24/01/25*

Affiliation Branch  
Guru Gobind Singh Indraprastha University  
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**Sub : Compliance Report of Deficiencies Identified and Observations made in the Academic Report 2023-24 of Trinity Institute of Professional Studies, Sector 9, Dwarka, New Delhi**

Dear Sir/Madam,

With reference to the deficiencies identified and observations made in the Academic Audit report for the Academic Session 2023-24 of Trinity Institute of Professional Studies, Sector 9, Dwarka, New Delhi regarding compliance report. Kindly find below the same.

**Deficiencies Identified :**

S.No.	Deficiencies Identified	Action Taken
1	No. of Publications in Scopus/WOS should be increased	The conference held on 10 <sup>th</sup> August, 2024 and the proceeding papers are publishing in scopus indexed journal.
2	No. of Conference (Full Day) should be increased	We have organized a full day 13 <sup>th</sup> TIPSCON International Conference on August 10, 2024 at India International Centre, New Delhi. The conference titled "Nurturing Growth through Indigenous Development : A Key to Global Competence" where we have also received Grant-In-Aid from ICSSR.
<b>Observations</b>		
3	Extra Curricular activities may be enhanced	We are having cultural and sports clubs where different activities are conducted. Even we have noted the observation to enhance more.
4	Outdoor sports facilities may be enhanced	We provide outdoor sports facilities to the students and having tie-up with different schools for access of sports facility by our students. As such, we organized Sports event in the name to TIPS KREDA. Our students participated in various sports like Football, Volleyball, Cricket, Long Jump etc.
5	Faculties may be encouraged to publish papers in Scopus/WOS	We have given weightage to publication in the selection of "Best Teacher Award". Further to mention we are also giving monetary motivation to our faculty members by reimbursement of participation fee for conference/seminar/FDP etc. Even though we have noted this point.

With regards

*[Signature]*  
Dr. Ashutosh Agarwal

Director

*[Signature]*  
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**TRINITY INSTITUTE OF PROFESSIONAL STUDIES  
SECTOR 9 DWARKA**

**Conference**

S.No.	Name of the teacher	Name of the Conferences	Date (Month- Year)	Organizing body	WOS/SCOPUS/PEER REVIEWED
1	Dr. Mukta Sharma	Blockchain-Powered Smart Homes: A comprehensive Review and Outlook in the international Conference on Advances in Computing, communication and Intelligent Systems organised by Banarsidas Chandiwala Institute of Information Technology, held on 30th Mar, 2024	2024	Banarsidas Chandiwala Institute of Information Technology,	elsevier
2	Dr. Arvind	13th TIPSCON: An International Conference	10th August, 2024	TIPS Dwarka	Scopus
3	Ms Shweta Rana	13th TIPSCON: An International Conference	10th August, 2024	TIPS Dwarka	Scopus
4	Sweta Sharma	Human Neural Network	10th August 2024	TIPS Dwarka	Scopus
5	Dr Shruti Khare	Combining Machine Learning & Deep Learning for Accurate Disease Detection	10th August 2024	TIPS Dwarka	Scopus
6	Dr. R. K. Sharma	Garbage Bin Classification Using Convolutional Neural Networks with Clean and Noisy Bin Images	10th August 2024	TIPS Dwarka	Scopus
7	Dr. Mukta Sharma	Garbage Bin Classification Using Convolutional Neural Networks with Clean and Noisy Bin Images	10th August 2024	TIPS Dwarka	Scopus
8	Dr. Arti Bajaj	Hate Speech Detection for Social Media Platforms Using Machine Learning Algorithms	10th August 2024	TIPS Dwarka	Scopus
9	Dr. Ruchika Gupta	"Metaverse and Mental Health: A Structured Equation Model to Analyse the Social and Economic Impacts on Well-being"	10th August 2024	TIPS Dwarka	Scopus
10	Dr. Mukta Sharma	A comparative Analysis of CNN Architecture for Sports Classification using IOT Devices	April 22-23, 2025	5th International Conference on ICT for Digital, Smart and	Springer
11	Dr. R. K. Sharma	A comparative Analysis of CNN Architecture for Sports Classification using IOT Devices	April 22-23, 2025	5th International Conference on ICT for Digital, Smart and	Springer
12	Dr. Aparna Chaturvedi	Digital Realities in Cyber Security: Advancing Image Processing Techniques for Deepfake Detection and Real-Time	17th-19th July 2025	10th International Conference on ICT for Sustainable	Springer
13	Raj Kumar Sharma	Retinal Eye Disease Detection Using Optimized Convolution Neural Networks	October 18-19	Sunway University & GL Bajaj Institute of Management	Springer

  
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## Mapping the Landscape of Sustainable Resource Management in Commerce and Management: A Bibliometric Analysis

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### Abstract

**Aim:** The objective of this study is to assess the bibliometric parameters of the research papers published during the period of 2020 to 2024 in the area of sustainable resource management in commerce and management.

Sustainable resource management has emerged as a critical imperative for businesses and organizations globally, driven by the need to balance economic growth with environmental conservation and social responsibility. This paper involve quantitative study based on the data retrieved from the dimensions database. This study employs bibliometric analysis to delineate the scholarly discourse surrounding sustainable resource management within the fields of commerce and management. The database was downloaded in CSV format then it was used for data analysis on biblioshiny.

A total of 501 research papers published from 2020 to 2024 were downloaded from the Dimensions database in CSV format. In this database, majority of papers were based on sustainable resource management in the field of management and commerce. During database search sustainable resource management” keyword is used in the category of commerce and management.

Through systematic analysis of scholarly publications, this research aims to identify key themes, influential authors, and intellectual connections, shedding light on the evolution and

1920

**Dr. Priya Agarwal et al (1920-1931)**



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current trends in research pertaining to sustainable resource management in commerce and management disciplines. The findings of this study provide valuable insights for researchers, practitioners, and policymakers engaged in sustainability initiatives within organizational contexts.

**Keywords: sustainable resource management, commerce, management, bibliometric analysis, sustainability, environmental management**

### **Introduction**

In business and management, sustainable resource management entails incorporating sustainability concepts into supply chain management, corporate decision-making procedures, and commercial operations. It includes tactics and procedures meant to maximize resource efficiency, reduce environmental effects, and improve social responsibility in business settings and administrative structures. In the recent scenario, choice of consumer is largely influenced by organization's sustainability credentials and practices. With the use of sustainability practices, nature can be protected along with minimal greenhouse gas emissions. Sustainable practices reduce risk, minimize cost of production, raise revenues, and build brand image in the market.

This bibliometric study focuses on the researches based on sustainability in commerce and management industry based on dataset generated from online academic database.

### **Sustainable Resources Management**

Sustainable resource management is future oriented. It involves preservation, management, and designing of natural capital. Development and implementation of methods for the conservation of natural resources like; energy, water and raw materials is known as sustainable resource management. With the help of sustainable resource management, resources can be conserved for future generations. Also, it minimizes the cost of waste disposal and resource extraction.

Due to increasing number of scandals the demand of sustainable practices also increased. Therefore, it is important to assess the relationship various aspects of business and sustainability. Numerous Environmental, social, and governance activities have been introduced to upgrade the level of organizational contribution to sustainability (Tamayo-Torres, Gutierrez-Gutierrez, & Ruiz-Moreno, 2018).

### **Commerce and Management**

Due to consumers demand, companies are compelled to introduce ecofriendly approaches to ensure sustainable growth in e-commerce industry. Several researches are being done to fill the

  
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research gap on sustainable e-commerce and its impact on environment. By ensuring green practices of employees and top management, many organizations are turning green (Gupta & Jangra, 2023). Many companies are preparing and filing sustainability reports as per requisition of European Union's Corporate Sustainability Reporting Directive 2024. Most of companies are transitioning fossil fuels to generate clean energy. For example, IBM consulting moving forward toward power decarbonization (TechTarget, 2023). Several organizations have taken initiatives to incorporate sustainability into management and design of entire supply chain. Industry practitioners and managers are understanding the sustainable issues and trade-offs to make effective decision in favor of environment (Gupta & Palsule-Desai, 2011).

Hospitality and tourism industry upgraded green human resource culture with sustainability and ethical business practices. Also, they emphasize on organizational citizenship behavior of employees that raise the level of inclusiveness and sustainability in the work culture (Kumar & Puranam, 2024).

### **Important facets of commerce and management's use of sustainable resources**

Companies work to reduce the environmental impact of their supply chains by minimizing waste production, obtaining raw materials ethically, and guaranteeing moral labor practices all the way through the production process. This could entail putting in place life cycle assessments, working with suppliers to advance sustainability standards, and establishing sustainable procurement strategies. By implementing sustainable practices like energy saving, waste reduction, and water management efforts, organizations aim to increase resource efficiency. To reduce resource consumption and increase productivity, this may entail making investments in energy-efficient equipment, putting recycling programs into place, and streamlining manufacturing procedures.

Green product development is the process by which companies create goods and services that are both consumer- and environmentally-friendly while reducing their negative effects. To show environmental stewardship, this may entail using eco-friendly materials, building products with durability and recycling in mind, and acquiring eco-label certifications. Businesses support CSR programs that tackle environmental and social challenges, such as sustainable resource management. This could entail sponsoring community development initiatives, participating in

  
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environmental preservation campaigns, and encouraging staff volunteerism and philanthropy as a means of making a constructive contribution to society.

### Research Methodology

Using bibliometric techniques, this study aims to provide an overview of research in the field of sustainable resource management, facilitating understanding, collaboration and planning in the academic world and beyond. Investigating international collaboration mechanisms to identify global research networks and collaborative approaches emerging across sustainable boundaries management research.

Use keywords to identify dominant themes, emerging topics, and cross-border relationships. Analysis of annual literature to understand the pace of development and impact of sustainability management research. Statistical analysis to identify key articles, authors, and journals in the field and understand the distribution and impact of research. Use the author's search engine to find many research and affiliate sites offering sustainable research. The dataset for this bibliometric study was extracted using the keyword "Sustainable Resource Management". Only five years of data were removed using the filter. The years were 2024, 2023, 2022, 2021, and 2020.

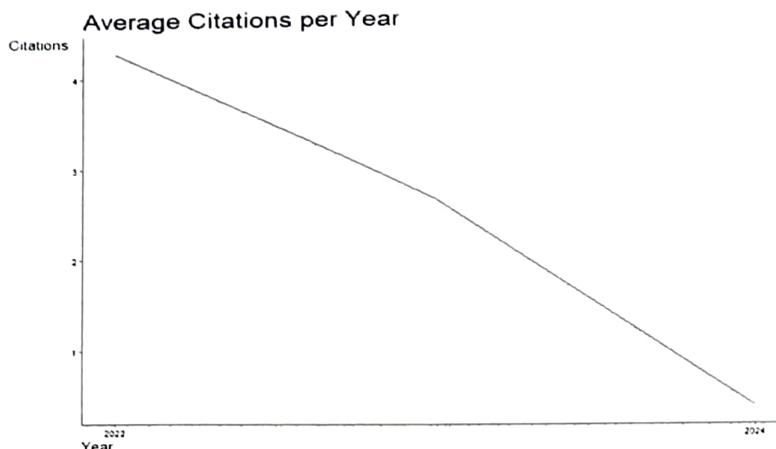
### Analysis

The features of the dataset, such as author affiliations, journal distributions, publication years, citation counts, and keyword frequencies, are summed together using descriptive statistics. To illustrate the data in a way that is clear and understandable, visualization tools like pie charts, bar charts, and histograms can be used.

### Citation and Co-authorship Analysis

To determine important publications, authors, and research networks, citation analysis looks at the dataset's citation patterns. Important metrics that are used to evaluate the influence and prominence of specific articles and authors in the area include citation counts, h-index, and citation networks. This type of study looks at how authors collaborate with one another inside the dataset. Co-authorship networks are visualized, central authors or research groups are identified, and the level of field collaboration is evaluated through the use of network analytic techniques.

  
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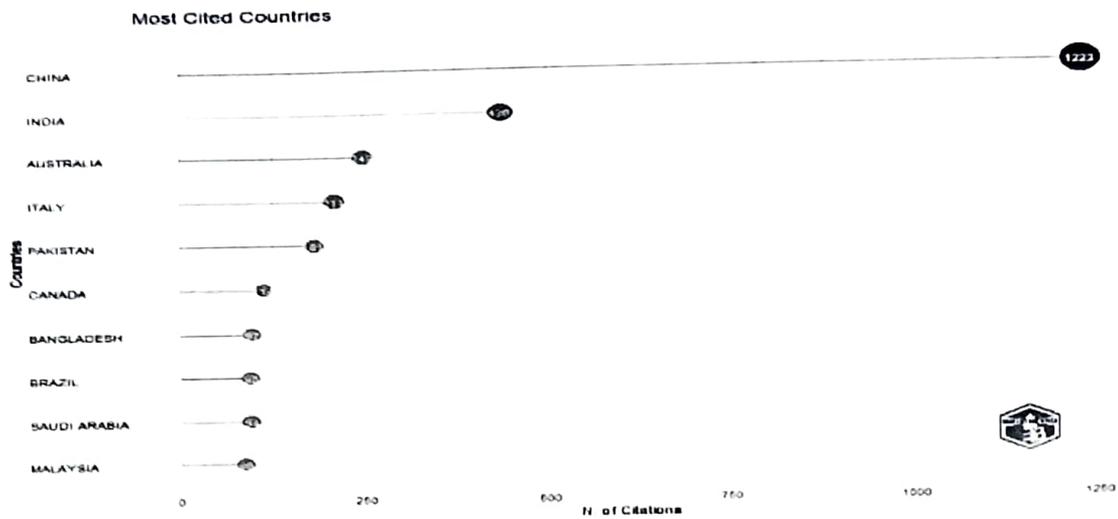


Year	MeanTCperArt	N	MeanTCperYear	CitableYears
2022	12.82	234	4.27	3
2023	5.31	235	2.65	2
2024	0.39	31	0.39	1

The analysis presented shows a clear downward trend in the total number of submissions per article, the average of all submissions per year, and the average number of submissions per article between 2022 and 2024. With 234 articles in 2022, the average rate mentioned above per article was 12.82, indicating a higher percentage. However, the overall average is 4.27 per year, indicating that the decrease in wealth is reported over time. Additionally, the articles received an average of citations over a three-year period, demonstrating the importance of the articles.

While the total number of cases remained the same at 235 by 2023, there was a significant decrease in both reported cases per article (5.31) and average reported cases per year (2.65); This shows that the risk decreases and the birth frequency decreases. Additionally, the average number of years given for each subject has been reduced to 2, indicating a shorter time period. In 2024, the decline continued sharply and only 31 articles were published. While the total average income per item decreased to 0.39, the total annual average income also reflected this decrease and reached the same value. In addition, the average number of years given for each subject has decreased to 1, indicating that life expectancy has decreased, according to the research.

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Country	TC	Average Article Citations
CHINA	1223	7.7
INDIA	436	13.6
AUSTRALIA	249	9.6
ITALY	211	15.1
PAKISTAN	181	15.1
CANADA	114	8.1
BANGLADESH	97	8.8
BRAZIL	95	8.6
SAUDI ARABIA	94	47
MALAYSIA	86	4.8
OMAN	73	73
IRAN	64	4.6
SWEDEN	55	13.8
NORWAY	53	17.7

With 1223 articles and an average of 7.7 citations per article, China is the largest in scientific literature. However, the average score for each subject is comparable to some other countries on the list. India has fewer articles (436) than China but the average is higher at 13.6 per

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article. This shows that Indian studies are frequently cited, indicating greater influence or impact of Indian studies.

Australia has 249 articles, with an average of 9.6 per article. This shows that great efforts are being made in academic publishing and that there is a significant level of research output. Italy and Pakistan have similar scores for all items (211 and 181), averaging 15 points. 1. This shows that despite differences in the nature of research, both countries produce relatively more research. With 114 articles and an average score of 8.1 per article, Canada continues to perform well in scientific publications, with research results receiving a moderate score. Bangladesh and Brazil have similar averages across all scores (97 and 95 respectively), with a relative average of 8. 8 and 8. 6. This shows the relative level of research impact of these countries.

Saudi Arabia scores well at 94 points but has an unusually high average of 47 per point. This shows that although Saudi Arabia produces fewer articles than some other countries, its research results have a significant impact and are widely cited in academic literature. Malaysia and Iran both have mean comparisons for each item (4.8 and 4.6 respectively), indicating that the findings may be unaffected or affected compared to the other countries in the dataset.

Sweden and Norway have the lowest number of all articles (55 and 53), but the highest average is given for each article (13, 8 and 17). 7), indicating that research from these countries is more frequently cited and stronger. Oman stands out with 73 articles, with each article receiving an average score of 73, indicating that the research is both productive and has a significant impact. Each article received a relatively large number of responses.



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The data shows the frequency of cooperation between different countries. For example, China has alliances ranging from 1 to 32 with many countries such as Bangladesh, Malaysia and Pakistan. There are many partnerships between the two countries, such as Australia and Canada, Australia and Germany, China and Malaysia. This cooperation may cover various aspects such as trade, investment, research or cultural exchange. Cooperation models: Some countries show models in cooperation. For example, China has alliances with neighboring countries in Asia as well as countries in Africa, Europe and the United States. This reflects China's role in global economic affairs.

Cooperation between countries can encompass many activities, including economic cooperation, academic research cooperation, cultural exchange and foreign relations programmes. The data do not reveal the nature of cooperation, but they do give an idea of the level of cooperation between countries. Data can be analyzed to identify trends, trends and potential opportunities to strengthen cooperation between countries or regions. Understanding cooperation models can inform policy decisions, business strategies, and foreign policy actions.

#### Keyword Analysis

Qualitative analysis identifies themes and occurrences in the data set by examining the frequency and relationships of words in article titles, abstracts, and keywords. This makes it easy to identify some of the important connections, research trends, and current issues in the field. Correlations between structure and information in the data set are identified using bibliometric mapping techniques such as factor analysis, mapping, and term analysis.

Maps, links, and figures are often created using viewing software such as VOSviewer, CiteSpace, R Studio, and BibExcel to help understand bibliometric data. Here R studio was used to analyze keywords.

Terms	Frequency
Humans	110
Sustainable Development	98
Conservation Of Natural Resources	87
China	78
Commerce	45
Waste Management	42



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The projection lines from 2022 to 2024 show a significant change in the nature of the impact of knowledge and sustainability. What started as a period of ups and downs has become very intense. In 2022, the number of applications has been reduced, characterized by reduced risk, reduced frequency and shortened research duration. A comprehensive analysis of the scientific literature around the world highlights the different strengths of research impact and influence in different countries. Although China appears as a strong force in many publications, the average contribution to each topic suggests that there is room for further development of research impact.

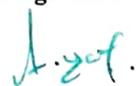
On the other hand, few Indian institutions believe that they are effective because they reflect a culture of research excellence that resonates with students. Australia's strength in academic publishing is impressive, reflecting a rich research ecosystem. The focus on sustainable development and the balance between economic development, social development and environmental protection demonstrates the importance of a unified approach to policy formulation and implementation.

Due to the focus on China, the study is able to examine China's policies, performance and implementation in depth from him. And the impact on global sustainable development, particularly in the areas of trade, industry and the environment. Concerns about natural resource conservation and waste management underscore the need for strategies and technologies aimed at better resource management and reduction of environmental impacts. Discussions about ecosystems and their interactions highlight the importance of protecting and restoring ecosystems on which conservation efforts can focus.

Research may investigate sustainable farming practices, agricultural technologies, and industries that aim to reduce environmental impacts while focusing on food security and economic growth. Findings focusing on water resources and issues that may be scarce or polluted can inform water management strategies, environmental protection and policies to address water-related issues. The focus on people highlights the need for sustainable and balanced research towards sustainable development, prioritizing human well-being while protecting the environment.

### Suggestions

In recent years, research has been conducted on factors that may have contributed to the decline in published rates, such as changes in research methods, changes in scholarly communication practices, or emerging research that replicates previous research. Conduct a comparative analysis with other departments or subsectors to determine whether cost savings are specific to susta

  
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inable resource management or part of the university overall.

Learn how citation strength varies among different journals publishing research on sustainable resource management. Research whether there are newspapers that are trending downward at a certain level, or whether there are newspapers that are trending. Perform short term analysis to track changes in specific characteristics over time as part of sustainable asset management. Identify key metrics or factors related to price changes and track their impact. Investigating the effects of various studies on proposed measures for sustainable resource management. Analyze whether different partnerships produce better results and explore possible reasons for this.

Consider regional differences in sustainable resource management. Investigate whether there is more or less research experience in certain areas and investigate factors that contribute to these differences. Discuss the impact of low prices on policy decisions regarding research funding and sustainable resource management. Emphasize the importance of supporting effective research and encouraging the dissemination of knowledge to find solutions to environmental problems.

To make suggestions for management based on bibliometric analysis results. Identify where additional research is needed to address knowledge gaps or emerging issues in sustainable resource management.

### Conclusions

In recent years, research has been conducted on factors that may have contributed to the decline in published rates, such as changes in research methods, changes in scholarly communication practices, or emerging research that replicates previous research. Conduct a comparative analysis with other departments or subsectors to determine whether cost savings are specific to sustainable resource management or part of the university overall.

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## Human Neural Network and Artificial Neural Networks: analogy review

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**Abstract:** Nature is considered as a great source of inspiration as birds inspired humans to fly, ants showed us worth of team-work, similarly human brains architecture inspired to build intelligent machines. Human Nervous System working organization is very complex. It comprises of Peripheral and Central Nervous System. Input information is generated at receptors and transmitted towards brain for detailed analysis and final output is made which is thereby sent to different effectors organs. However, it is very well coordinated and resilient system. Neuron is structural and functional unit of our nervous system. Neurons comprised of cell body containing nucleus, multiple branching extensions dendrites, a long-elongated axon and junction between two neurons called synapse. Neurons produce short electrical impulses or action potential which propagates through neurons to neurons through synaptic communications. Artificial Neuron Networks (AANS) are the machine learning models inspired by the networks of biological neurons found in our brains. ANNS, base of deep learning, application areas are classification of images, speech recognition, video recommendations, complex decision making in gaming and many more. Authors discuss Artificial Neural Networks (ANNS) its analogy to human nervous system and different types of Artificial Neural Networks (ANNS) and its current applications. AANS is also termed as Neural Network or Simple Neural Nets.

**Keywords:** Artificial Neural Networks, Human Nervous System, Artificial Intelligence, Analogy

**Introduction:** Human brain is an extremely complex and highly evolved organ <sup>[1,2]</sup> Neurons are considered to be the basic units of the nervous system. Sensory input received through sensory neurons from the receptors end, act as input process and further brain processes these input information and finally output is created and subsequently output is sent to different organs of body like visual, skeletal muscles, and effectors organs. Neurons are usually interlinked with complex arrangements with junctions known as synapse. In analogy, ANNS comprised of artificial neurons called unit. These units are arranged in turn into complex layers. Given layer can typically contain variable numbers of neuron and may vary between fifteen to millions units depending on nature and need of system requirement. ANNS has

three layers, first being input layer, second being hidden layer structure while third is output layer. [3] Input layer functions as data receiver and subsequently data passes through hidden layers causing transformation into valuable output layer. Finally output layers releases as output known as response.

In majority of ANNS, units remain interconnected amongst one layer to another. Each connections typically carry weights that can place influence one over another unit. As data gets further transferred from one to another unit, carry learning process. [4]

Authors also discuss about different ANNS including Feed Forward Network, Convolutional Network, Modular Network, Recurrent Network and its application areas in different domains.

### Architecture of typical ANNS

Anatomical structures and physiological function of human neurons is basis for ANNS program. ANNS has three layers, input layer being first act as receiver of data input and sends second layer being hidden layer, [1, 2] processing in hidden layer, each successive neuron receives its input from the predecessor layer located neurons, computing done to get weighted sums, which gets passed to next layer.

### Relationship between Artificial Neurons versus Human Neurons

ANNS concept is analogues to human Neurons in structure as well as function. [2]

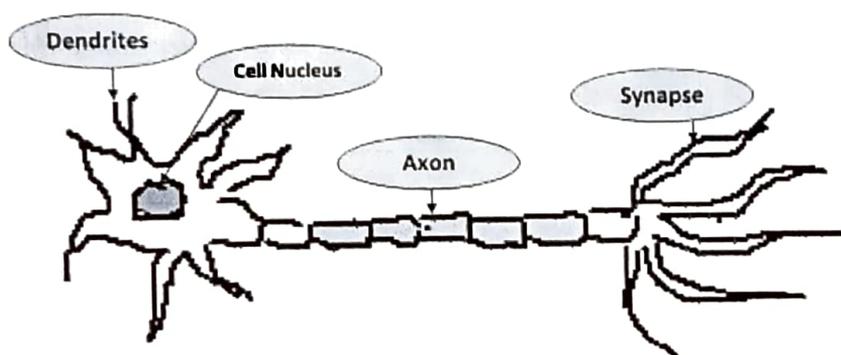


Figure 1: Human Neuron

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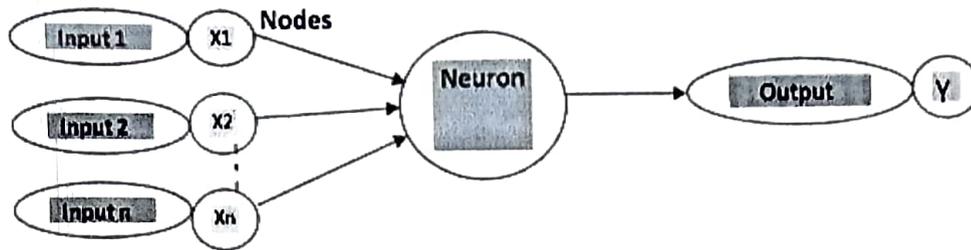


Figure 2: Simple Artificial Neural Network model

Table 1 showing similarity between artificial neuronal network and human neurons.

Human neurons Structure: A typical neuron contains body to process the impulses derived from dendrites, which act receiver, while axon part carry information towards another neuron. As ANNs input nodes receive input information and passed to hidden layer nodes for computation of signals, and later passed on to output layer nodes using activation functions.

Table 1: Analogy between Human Neuron and Artificial Neuron (Perceptron)

S. No.	Human Neuron	Artificial Neuron (Perceptron)	Function
1	Dendrite	Input	Receives information from outer world.
2	Cell body	Nodes	Processing
3	Axon	Output	Final output
4	Synapse	Weight	It is junction between two neurons

**Synapse:** Synapse is junction between biological neurons causing facilitation of transmission of impulses to cell body. Analogically to synapses are the weights in ANNS that join nodes of one-layer to the next-layer. Its strength is determined by assigned value of given weight.

**Process of Learning:** In biological neurons learning occur at cell body causing production of new action potential which travels via axon. In ANNS, learning occurs via back propagation.

**Activation process:** In neurons activation means generation of action potential and later on it propagates. In ANNS, mathematical function called as activation function is related to mapping action of input to output and thereby performing of activation process.

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## Types of Artificial Neuronal Network (ANNS)

Important types are:

**1. Feed Forward Neural Network:** It is one of most basic ANNS here input data is guided to travel in single direction only, it does not have looping nodes so all information is only passed in forward direction, also referred as multi-layer neural network.<sup>6</sup>

Information moves through input layer to final output layer. It finds application in pattern recognition, image recognition tasks, where input and output are not dependent, however networks inability of retaining previous inputs makes lesser and lesser useful for sequential data analysis .

**2. Convolutional Neural Networks:** Convolutional Neural Networks is inspired with visual cortex area of brain. It can identify and classify specific characteristic of an images so accordingly widely used for study of visual images and largely finds applications in image and video recognition, classification of image, analysis of medical image like Computed Tomography scan, computer vision and natural language processing in addition to voice analysis.<sup>[7,8]</sup>

It finds application related to computer Vision as offers extremely high accuracy, useful in phone, security, recommendation systems, etc. It is also used in voice recognition.

**3. Modular Neural Network:** comprised of a group of neural networks linked together via an intermediate, which work independently to give output, however, no interaction takes place amongst themselves. Hence every network is assigned separate sub- task and capable of handling complex management and more basic neural network systems. Multiple neural networks acting as module, with each module solve a part, while role of integrator is subcategorized to multiple modular units and finally integration parts of solution to create final output.it is used in Robotics and autonomous systems and to solve complex problems.

**4. Recurrent Neural Networks:** based on the principle stating history repeats itself. It is special model characterized by output of a given particular layer is saved and again fed back to ongoing step to yield better outcome prediction. In contrary, traditional ANN , input and outputs are not dependent .



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This special layer Hidden Layer of RNNs seems closer to human neural working principle as it remembers information about a sequence. So aptly referred as Memory State for memorizing predicts input and provided for each input as it performs the same task on all inputs or hidden to give result and minimizes parameters complexity, unlike other network. RNNs work better in sequential data like Time-Series data and text data.<sup>[11]</sup>

The fundamental processing unit is Recurrent Unit, as having unique ability to promoting a hidden state, allowing the network to capture sequential dependencies by remembering previous inputs during processing of data. Long Short-Term Memory, Gated Recurrent Unit versions improve the RNN's ability to handle long-term dependencies.

To overcome the problems like vanishing gradient and exploding gradient descent several new advanced versions of RNNs are formed<sup>[10, 11]</sup>

- i. Memory of Long term- Short term
- ii. Two-way Neural Network

i. **Memory of Long term- Short term**

It's working principle read-write-and-forget as input network reads and writes important information but not relevant information is forgotten thereby allow selected information passage in network.<sup>[10]</sup>

ii. **Two-way Neural Network**

Considered as modification of Recurrent Neural Networks, input flow in bi-direction and output of bi-directions are again combined together treated as input and useful for context of input constitute vitals like Time-Series analysis.

**Conclusion:** Artificial neuronal network knowledge is improving with a rapid pace but still needs a significant strive and continuous meaningful concentrated efforts and pace as neurosciences is also advancing very speedily. All stakeholder of Artificial intelligence needs to work in synchrony so that it may mimic human neuronal networks. Globally advent of newer computing system, various model's developmental stages with diverse specifications, modalities and efficacy are evolving. As future growth of ANN will definitely prove to be greatest scientific boon for humanity across globally as it will holistically improve screening of diseases, early diagnosis, personalized treatment, advancement in diagnostic, therapeutic and rehabilitative measure. It will also improve social interaction, mental health, emotional health, financial activity, entertainment activity almost every aspect of human being. Authors are hopeful that sooner ANNs will match HNNs not only in analysis but also in stronger reasoning and other capability also.



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## Abbreviations:

- AANS: Artificial Neural Networks  
 HNNS: Human Neuronal Networks  
 CNNS: Convolutional Neuronal Networks  
 RNNS: Recurrent Neural Networks



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Nurturing Growth through  
Indigenous Development:  
A Key to Global Competence

**AUGUST 10, 2024**



**Viksitbharat@2047**

A Roadmap for mobilizing  
success through  
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Proceedings  
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# TRINITY INSTITUTE OF PROFESSIONAL STUDIES

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**Detailed Report on 13th TIPSCON 2024: International Conference On "Nurturing Growth through Indigenous Development: A Key to Global Competence"**

## Inauguration

Trinity Institute of Professional Studies organizes the 13th TIPSCON International Conference took place on August 10, 2024, at the India International Centre (IIC), New Delhi. The conference, titled "Nurturing Growth through Indigenous Development: A Key to Global Competence," in association with ICSSR brought together scholars, professionals, and policymakers to explore the intersections of indigenous development and global competence.

## Objectives of the Conference

The conference was designed to achieve several key objectives:

1. **Promote Indigenous Development:** Highlighting the importance of indigenous knowledge, practices, and resources in fostering sustainable development both locally and globally.
2. **Enhance Global Competence:** Exploring how integrating indigenous perspectives can enhance global competence among individuals, organizations, and communities.
3. **Facilitate Knowledge Exchange:** Providing a platform for scholars, practitioners, students, and stakeholders to exchange ideas, research findings, and best practices in indigenous development and its implications for global competence.
4. **Empower Indigenous Communities:** Recognizing the contributions of indigenous communities, preserving their cultural heritage, and creating opportunities for economic and social development.
5. **Catalyze Collaborative Partnerships:** Fostering partnerships and collaborations between governments, NGOs, businesses, and indigenous communities to collectively work towards nurturing growth through indigenous development.

## Registration

The event commenced with the registration of participants, followed by the inauguration ceremony. Attendees included delegates from academia, industry, and research institutions, both from India and abroad.

## Lamp Lighting

The official proceedings began with the traditional lamp-lighting ceremony, symbolizing the dispelling of darkness and the pursuit of knowledge.

## Felicitating & Welcoming the Guest

The dignitaries were welcomed with warm felicitations. The event's chief guests and keynote speakers were honored with mementos.

## Welcome Address by Prof. (Dr.) Ashutosh Agarwal

Prof. (Dr.) Ashutosh Agarwal, Director of the Trinity Institute of Professional Studies (TIPS), delivered the welcome address. He emphasized the importance of indigenous development in the context of global competence and outlined the objectives of the conference.

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## Inaugural Address by Ms. Shreya Tandon

Ms. Shreya Tandon, a member of the Management Committee, delivered the inaugural address. She highlighted the significance of the Viksit Bharat 2047 vision and the role of academia in achieving this national goal.

## Keynote Address by Mr. Anupam Vohra

Mr. Anupam Vohra, a distinguished member of various Indo-American, Indo-French, and EU Chambers, and a member of the AI Committee of CII, delivered the keynote address. He provided insights into the global implications of indigenous development and its impact on international trade and diplomacy.

## Guest of Honor Addresses

- **Prof. (Dr.) A.K. Saini:** Prof. Saini, Dean Academics at USMC, GGSIPU, focused on the role of academia in fostering indigenous development through innovative research and curriculum development.
- **Prof. (Dr.) Dalbeer Ahlawat:** Prof. Ahlawat, a Research Fellow at the Japan Foundation Indo Pacific Partnership Programme, discussed the geopolitical implications of indigenous development in the Indo-Pacific region.
- **Prof. (Dr.) Govind Singh:** The former Dean Academics at IIMC, New Delhi, emphasized the importance of media in preserving and promoting indigenous cultures.
- **Prof. (Dr.) Asad Malik:** a distinguished professor from Jamia Islamia University, New Delhi, delivered an insightful address, emphasizing the pivotal role of law in safeguarding indigenous cultures. He highlighted how media plays an essential part in not only preserving but also promoting the rich heritage of indigenous communities. Prof. Malik underscored the need for legal frameworks that protect cultural expressions and intellectual property, ensuring that these traditions are respected and valued in the global arena. His address resonated with the conference's theme, urging a collaborative effort to integrate legal, media, and cultural strategies for the advancement of indigenous development.

## Chief-Guest Address by Shri Anil Trigunayat

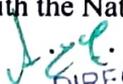
Shri Anil Trigunayat, Chairman at the Confederation of Education Excellence and former Ambassador of India to Libya, Malta & Amman, delivered the Chief-Guest address. He stressed the need for collaborative efforts between government and educational institutions to achieve the Viksit Bharat 2047 vision.

## Vote of Thanks by Prof. (Dr.) Shashi Bala

Prof. (Dr.) Shashi Bala, Principal of the Department of Law, TIPS, expressed gratitude to all dignitaries, participants, and organizers for their contributions to the success of the event.

## National Anthem

The inauguration ceremony concluded with the National Anthem, followed by a High Tea session.

  
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## Technical Sessions

The conference featured multiple technical sessions conducted both online and offline, covering various tracks including Media, Law, Management & Commerce, and Information Technology. These sessions were aligned with the conference's overarching themes and objectives, each contributing to the broader learning outcomes.

### Track-1: Media

The Media track, held in the Auditorium, included presentations on topics such as Indigenous Storytelling, Digital Media Technologies for Indigenous Outreach, and Media Literacy from an Indigenous Perspective. This session was enriched by the contributions of **Prof.(Dr.) Bacha Babu** and **Prof. (Dr.) Govind Singh**.

#### Learning Outcomes:

- Understanding the role of media in preserving and promoting indigenous cultures.
- Gaining insights into digital media's potential for indigenous outreach and storytelling.
- Exploring ethical considerations in indigenous media representation.

### Track-2: Law

The Law track, conducted in the Conference Room, featured discussions on topics like Intellectual Property Law in the Global Economy, Legal Aspects of Genetic Privacy, and Digital Rights in the Era of AI. This session was enriched by the contributions of **Prof. Dr. Asad Malik**.

#### Learning Outcomes:

- Recognizing the legal challenges and opportunities in protecting indigenous rights in the global economy.
- Exploring the implications of digital privacy and AI on indigenous communities.
- Understanding the role of law in promoting social justice for indigenous peoples.

### Lunch Break

Participants took a break to enjoy a networking lunch, providing an opportunity to discuss the morning sessions and build professional connections.

### Track-3: Management & Commerce

The Management & Commerce track in the Auditorium focused on themes like Indigenous Entrepreneurship, Financial Inclusion, and Sustainable Supply Chains. Distinguished contributions were made by **Prof. Dr. Madhu Vij** and **Dr. Aashish Chandra**.

#### Learning Outcomes:

- Exploring the integration of indigenous knowledge in organizational leadership and entrepreneurship.
- Understanding the significance of financial inclusion for indigenous communities.
- Gaining insights into sustainable business models that incorporate indigenous practices.

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## Track-4: Information Technology

The IT track in the Conference Room included sessions on Blockchain for Indigenous Resource Management, ICTs for Sustainable Development, and Cyber Security for Indigenous Communities. **Prof. Dr. Anjana** provided key insights in this session. Prof (Dr ) Sushila Madan enhanced the session with her key insights on the topic.

### Learning Outcomes:

- Understanding the application of blockchain technology in indigenous resource management.
- Exploring the role of ICT in supporting sustainable development goals within indigenous communities.
- Recognizing the importance of cyber security in protecting indigenous data and knowledge.

### Valedictory Session

The valedictory session marked the conclusion of the conference, with addresses from distinguished guests and the distribution of certificates. There are around 150 plus papers and across three countries and 7 states were covered in the conference.

### Guest of Honor Addresses

- **Shri Sushil Sharma:** General Manager-IT at Sustaineco Limited, emphasized the need for sustainable IT practices in indigenous development.

### Valedictory Address by Prof. (Dr.) Sandhya Maitra

Prof. (Dr.) Sandhya Maitra, Convener of 13th TIPSCON 2024, delivered the valedictory address, summarizing the key takeaways from the conference and expressing hope for future collaborations.

### Certificate Distribution

Certificates were distributed to participants, acknowledging their contributions and participation.

### Vote of Thanks by Prof. (Dr.) Ashutosh Agarwal

Prof. (Dr.) Ashutosh Agarwal concluded the session with a vote of thanks, expressing appreciation to all those who made the event successful.

### Conclusion

The 13th TIPSCON International Conference successfully provided a platform for interdisciplinary dialogue and collaboration on indigenous development, emphasizing its significance in achieving global competence. The conference concluded on a high note, leaving participants inspired and motivated to further explore and contribute to this critical area of study.

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## Report on Enhancement of Extra-Curricular and Co-Curricular Activities (2024–25)

### Trinity Institute of Professional Studies, Dwarka

#### 1. Introduction

At Trinity Institute of Professional Studies (TIPS), co-curricular and extra-curricular activities play a crucial role in shaping well-rounded, confident, and capable individuals. Beyond academics, the institute emphasizes opportunities for students to explore their creativity, leadership potential, and teamwork through an extensive network of clubs, committees, and societies.

During the academic year **2024–25**, the institute has witnessed significant growth in student-led activities, both in scale and quality. A robust framework of **28 student-driven clubs and societies**, guided by faculty mentors, has ensured continuous engagement through diverse cultural, technical, management, legal, and social initiatives.

Trinity's vision for co-curricular development aligns with its objective of producing professionals who are not only academically strong but also socially aware, culturally expressive, and capable of leading with empathy and innovation.

#### 2. Strength of Clubs, Committees, and Societies

The college currently houses **28 active student-led committees, clubs, and societies** functioning under various academic departments — BAJMC, BCA, BBA & B.Com (H), and BA.LLB (H) — along with several institutional-level cells.

These platforms offer every student an opportunity to participate in activities aligned with their interests and disciplines, ensuring holistic personality development through practice and exposure.

#### List of Committees, Clubs, and Societies at TIPS

##### BAJMC Department

- **Cultural Committee**
- **ELYSIAN (Music Society)**
- **SHAURYA (Dramatic Society)**
- **FLAMBOYANCE (Fashion Society)**
- **FRAMES (Photography Society)**
- **MEDIASYNC (Electronic & Digital Media Club)**
- **InkSpire (Print Media Club)**

  
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## BCA Department

- ALFA (Coding Club)
- CYBER KNIGHT (Networking & Security Club)

## BBA & B.Com (H) Department

- ARCLIGHT (Blogging Club)
- ETHOS CLUB (Management & Commerce Research Activities)
- MARKETING & HR CLUB
- FINANCE, ECONOMICS & COMMERCE CLUB
- CHAMELEON (Literary Club)

## BA.LLB (H) Department

- FACTSMITH (Research Club)
- Trinity Moot Court Society
- Trinity Legal Aid Society
- Environment Law Center
- VIDHI PRADEEPIKA (Research & Publication Society)
- NITISAAR (Legal Research & Writing Club)
- LEX THEATERUM (Dramatic & Legal Theatre Society)

## Institutional and Cross-Departmental Committees

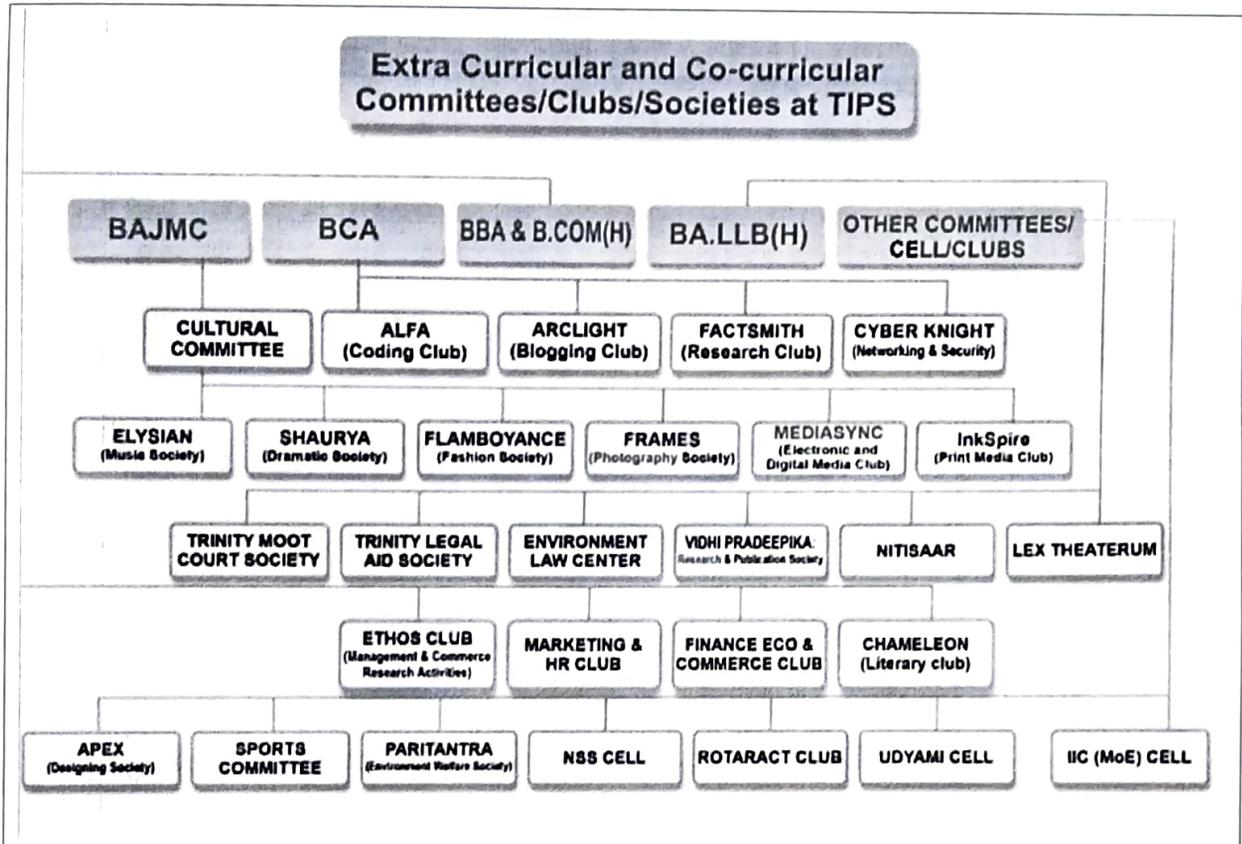
- SPORTS COMMITTEE
- APEX (Designing Society)
- PARITANTRA (Environmental Welfare Society)
- NSS CELL
- ROTARACT CLUB (Community Service)
- UDYAMI CELL (Entrepreneurship Cell)
- IIC (Institution's Innovation Council – MoE)

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Each club operates with an independent structure comprising a **faculty coordinator**, **student convener**, and a **core team** responsible for planning, executing, and reporting activities every semester.

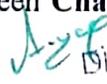


### 3. Structural Enhancement and Student Involvement

The academic year 2024–25 has been marked by a renewed emphasis on systematic organization and consistent execution of events across all committees and clubs.

#### Key Highlights of Structural Enhancement:

1. **Streamlined Semester-Wise Planning:** Each club and society was directed to organize at least one major event per semester, ensuring continuous student engagement throughout the year.
2. **Faculty Mentorship:** Faculty members have played an essential guiding role, helping students conceptualize, plan, and execute events while maintaining academic balance.
3. **Inter-Departmental Collaboration:** Several clubs collaborated across departments, merging creativity and intellect — such as coordination between **Chameleon (Literary**

  
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Club) and Ethos (Commerce Research Club) for joint competitions, and Frames collaborating with Apex for visual campaigns.

4. **Student Leadership Development:** Students were given leadership opportunities as convenors, event heads, and public relations coordinators, enabling them to develop management, communication, and decision-making skills.
5. **Digital Integration:** Many clubs leveraged digital media for promotion and participation through official Trinity handles and online contests, ensuring wider outreach.
6. **Recognition and Documentation:** Clubs now maintain annual reports summarizing their activities, participation levels, and student achievements — a practice initiated this academic year for institutional documentation.

#### 4. Enhancement in Activity Execution

Under the direction of respective Heads of Departments and faculty coordinators, every club organized a minimum of **one event per semester**. This systematic approach ensured that students were consistently engaged, developing not only their subject-related skills but also creativity, teamwork, and public engagement.

#### Nature of Activities Conducted:

- Cultural performances and competitions (music, dance, theatre, and fashion)
- Technical workshops and coding challenges
- Legal awareness campaigns and moot court simulations
- Management quizzes, finance simulations, and business ideation contests
- Literary events such as debates, poetry, and storytelling
- Photography, blogging, and media content competitions
- Environmental, community, and social awareness drives through NSS and Rotaract

Each event aimed to enhance learning through practice and interaction, promoting experiential education that complements classroom teaching.

#### 5. Major Student Achievements (2024–25)

##### A. Annual Fest – UNMAD 4.0

One of the most remarkable accomplishments of this academic session was the successful organization of “UNMAD 4.0”, the **Annual Cultural Fest of TIPS**, held on **21st & 22nd February 2025**.

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The event was entirely student-managed under the supervision of the **Cultural Committee** and **BAJMC Department**, with contributions from all departments and societies.

### Key Features of UNMAD 4.0:

- Participation of over **1,000 students** from different colleges of Delhi-NCR.
- 20+ competitions including music, drama, fashion show, dance, photography, and media production.
- Live performances by student artists and external guests.
- Creative coordination between technical, media, design, and management teams.

The fest reflected the coordination and teamwork between various committees — particularly **ELYSIAN (Music Society)**, **SHAURYA (Dramatic Society)**, **FLAMBOYANCE (Fashion Society)**, and **FRAMES (Photography Society)** — making UNMAD 4.0 a vibrant showcase of Trinity's talent.



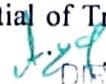
### B. Success in University Cultural Fest – Anugoonj 2025

Trinity students also excelled at **Anugoonj 2025**, the annual cultural festival organized by **GGSIP University**, marking a significant milestone in inter-college recognition.

#### Achievements in Anugoonj 2025 (Zonals):

- **1st Position – Choreography (Group Event)**
- **2nd Position – Clay Modelling**
- Secured a total of **six positions** across different categories in the zonal rounds.

These achievements demonstrate the growing artistic and creative potential of Trinity students, especially in performing arts and fine arts categories.

  
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## ACHIEVEMENT AT GGSIPU- ANUGOONJ 2024



1st Prize in Creative Writing



Mr. & Ms. Anugoonj 2024



1st Prize in Clay Art



1st Prize in Footloose

### C. Departmental-Level Achievements

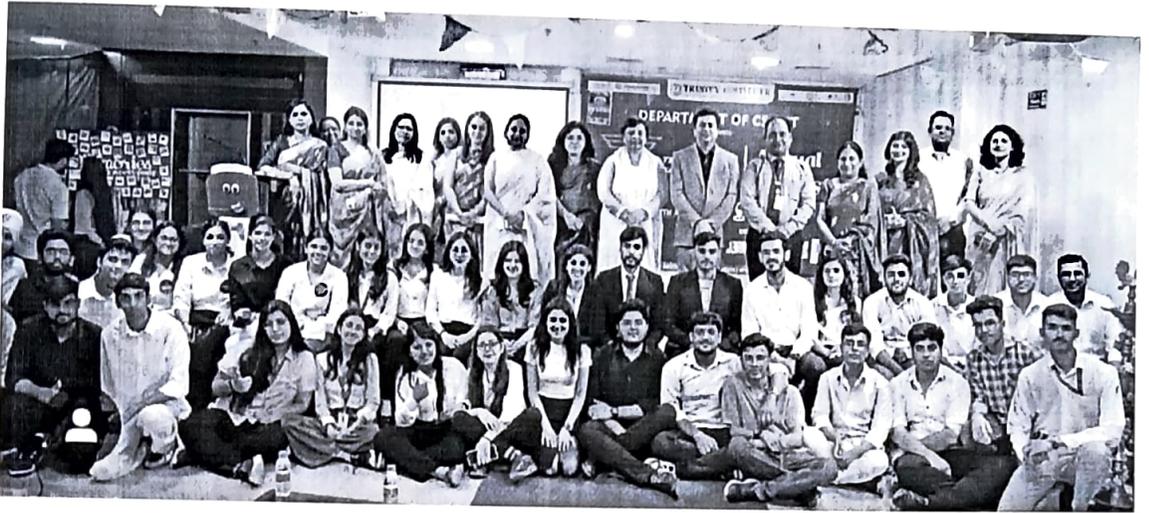
Each department witnessed active participation from its students through their respective clubs:

- **BAJMC:** Conducted workshops on media production, photography exhibitions, and film screenings.



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- **BCA:** Organized coding marathons, ethical hacking sessions, and tech quizzes under ALFA and Cyber Knight.



- **BBA & B.Com (H):** Conducted research paper presentations, business plan competitions, and finance workshops through Ethos, Marketing & HR, and Finance Clubs.



*Dr. P.*

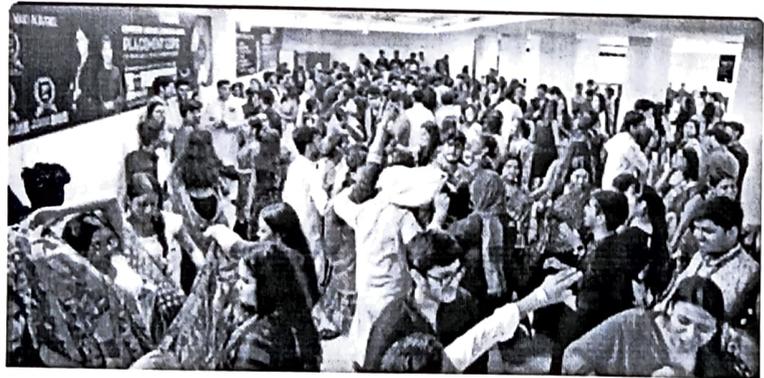
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- **BA.LLB (H):** Carried out mock trials, legal aid awareness drives, and debates through Moot Court Society and Vidhi Pradeepika.



- **Cross-Departmental Societies:** Paritantra (Environmental Welfare Society) organized cleanliness and plantation drives; Udyami Cell conducted entrepreneurship sessions; and Rotaract Club implemented several community service initiatives.



**6. Broader Impact on Student Development**

The consistent growth in extracurricular activities has had a direct impact on student development and institutional visibility.

**Key Outcomes:**

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1. **Enhanced Student Confidence:** Participation in events, competitions, and public performances has built self-assurance and stage confidence among students.
2. **Improved Collaboration Skills:** Working in teams across different domains has improved communication, planning, and coordination among students.
3. **Leadership and Responsibility:** Student convenors and organizers have learned practical leadership, time management, and conflict-resolution skills through real-world experience.
4. **Recognition at University Level:** Success in Anugoonj 2025 and other competitions has positioned Trinity as one of the active cultural institutions under GGSIP University.
5. **Strengthened Faculty–Student Bond:** Regular interaction between faculty coordinators and student teams has built mentorship relationships, motivating students to perform better academically and culturally.
6. **Institutional Branding:** Events like UNMAD 4.0 and club-led drives have strengthened Trinity’s social media presence and community visibility, enhancing its reputation as a dynamic academic environment.

## 7. Integration with Academic Curriculum

The clubs are not limited to entertainment or casual participation; rather, they align with academic learning objectives. For instance:

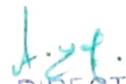
- **Ethos Club** connects management learning with research presentations and analytical discussions.
- **Factsmith and Vidhi Pradeepika** promote legal research and documentation skills aligned with coursework.
- **Arclight (Blogging Club) and InkSpire (Print Media Club)** support journalism students in practical writing and editing.
- **ALFA and Cyber Knight** integrate coding, cybersecurity, and software development learning beyond classroom teaching.

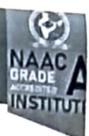
This approach ensures that extracurricular participation complements curricular learning, reinforcing Trinity’s academic mission with practical experience.

## 8. Institutional Support and Governance

The institution’s administration, under the guidance of the Principal and Department Heads, has continuously supported student initiatives.

The structure of governance ensures:

  
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Faculty mentorship for every club.

- Budgetary allocation for event organization.
- Recognition of student contributions through certificates and appreciation in college events.
- Central documentation through committee reports for inclusion in annual publications and accreditation submissions.

This organized system of monitoring, support, and reporting has ensured that extracurricular activities are well-managed, transparent, and effectively executed.

## 9. Future Plans

Building upon the success of 2024–25, the following strategic goals have been set for the upcoming academic year:

1. **Intra-College Fest for First-Year Students:** To promote participation among new entrants through exclusive events organized by senior club members.
2. **Cross-Club Collaborations:** Joint projects between technology, management, and media clubs to create interdisciplinary activities and exhibitions.
3. **Digital Presence Expansion:** Strengthening the online presence of each club through curated social media handles, event highlights, and digital magazines.
4. **Recognition at Institutional Level:** Introducing a “Club of the Year” award to motivate high performance and innovation.

## 10. Conclusion

The academic year 2024–25 has been a period of substantial enhancement and accomplishment in the sphere of extra-curricular and co-curricular activities at **Trinity Institute of Professional Studies**. The efforts of **28 active clubs and societies** have led to a surge in participation, creativity, and institutional pride.

From successfully hosting **UNMAD 4.0**, the flagship cultural fest, to securing top positions in **Anugoonj 2025**, Trinity students have proved their capabilities in organizing, performing, and leading. The encouragement and mentorship from faculty coordinators have played a vital role in channelling student enthusiasm into structured success.

These clubs and societies not only promote artistic and intellectual expression but also create a nurturing ground for leadership and social responsibility. With growing achievements, cross-disciplinary collaborations, and institutional support, Trinity

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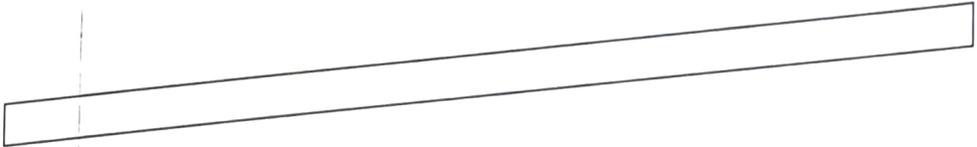


# TRINITY INSTITUTE PROFESSIONAL STUDIES

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continues to build an ecosystem where every student has the opportunity to explore, excel, and express beyond the classroom.



*Age.*

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## Report on Enhancement of Outdoor Sports Facilities and Achievements (2024–25)

### Department of Sports (TORQUE)

#### Trinity Institute of Professional Studies, Dwarka

### 1. Introduction

The Sports Committee of Trinity Institute of Professional Studies, known as **TORQUE**, represents the vibrant spirit of athletic participation and physical endurance among students. Sports have always been a crucial part of student life at Trinity, serving as a means of building teamwork, confidence, discipline, and physical fitness.

During the academic year **2024–25**, the college made significant strides in strengthening its **outdoor sports infrastructure** and **student participation** in inter-college and university-level events. Through planned tie-ups with reputed sports facilities and structured coaching support, students were given the opportunity to train and compete at an advanced level.

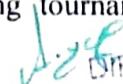
This report presents a comprehensive view of the measures taken to enhance outdoor facilities, the participation of students across major events, and the achievements that reflect the institute's growing reputation in university-level sports competitions.

### 2. Strengthening of Outdoor Sports Infrastructure

Over the past year, Trinity has placed strong emphasis on improving its outdoor sports facilities to ensure that students receive the best possible exposure and experience. Recognizing that sports require not only enthusiasm but also infrastructure, the institute has taken proactive steps to make outdoor games more accessible and organized.

The following measures have been undertaken during the year:

1. **Expansion of College Sports Arena:** The college's own sports grounds and open spaces have been systematically upgraded to accommodate multiple sports activities. Volleyball, cricket, football, and athletics are now played more frequently with proper equipment and dedicated practice hours.
2. **Partnerships with External Sports Grounds:** A key achievement this year has been the establishment of **tie-ups with external sports stadiums and training facilities**. These collaborations have enabled our students to access professional grounds for practice sessions, friendly matches, and formal competitions.
3. **Introduction of Structured Training Sessions:** Regular training sessions were conducted under the supervision of experienced instructors in different sports categories. These sessions were designed to help students prepare for upcoming tournaments and to strengthen the college's overall sports representation.

  
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4. **Improved Access to Equipment:** The committee ensured timely procurement and maintenance of essential sports equipment, allowing students to practice consistently without logistical barriers.
5. **Encouraging Student Involvement:** With improved facilities, more students came forward to participate in tournaments. This growth in participation has been reflected in the college's record across several university and inter-college events.

As a result of these steps, outdoor sports activities at Trinity have grown both in number and in quality. The institution has become an active participant in the sports circuit of **Guru Gobind Singh Indraprastha University (GGSIPU)** and has gained recognition for its student achievements across multiple disciplines.

### 3. Increased Student Participation

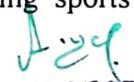
The Sports Committee **TORQUE** recorded an impressive level of student engagement during 2024–25. With the availability of upgraded sports spaces and regular training, participation rose substantially across both team and individual events.

The total number of students who represented the college in various inter-college tournaments and sports meets exceeded **160**. These students showcased exemplary commitment, balancing their academics with sports training and competition schedules.

#### Participation by Sport

Sport	Number of Participants
Volleyball	32
Tug of War	27
Football	18
Cricket	18
Kabaddi	15
Basketball	13
Athletics	12
Badminton	11
Chess	9
<b>Total</b>	<b>160+</b>

The steady increase in numbers clearly indicates that more students are motivated to engage in physical activities. Regular participation also points toward the growing sports culture and collective enthusiasm among Trinity's youth.



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## 4. Key Sports Events and Representation

During the academic session 2024–25, Trinity students actively participated in **seven major inter-college and university-level sports events**, along with several friendly and community tournaments. The following table highlights the details of each event:

S. No.	Name of Event	Venue	Dates	No. of Participants
1	19th Annual Sports Meet	GGSIU	18th–20th Oct 2024	113
2	Vaka Premier League (VPL)	Vastukala Academy	4th–5th Oct 2024	13
3	SPARDHA 2025	Don Bosco College	28th Feb–1st Mar 2025	17
4	ASTITVA'25	ADGIPS	13th–19th Feb 2025	20
5	VPL'25 Cricket League	VIPS	17th–21st Feb 2025	15
6	ATHLEEMA'25	AEG Campus	27th Feb–1st Mar 2025	28
7	SYNERGY 2025	Apeejay School	6th–7th Mar 2025	40

Participation was marked by a high degree of coordination and teamwork between faculty coordinators, student representatives, and sports instructors. The committee also ensured that attendance and participation records were maintained and duly forwarded to respective departments for documentation.

## 5. Notable Achievements (2024–25)

Trinity students have performed remarkably well in a wide range of events. Their dedication and competitive spirit have resulted in several medals and championships at both inter-college and university platforms. Below is a summary of key achievements:

### A. GGSIPU 19th Annual Sports Meet (October 2024)

The university-level sports meet witnessed outstanding performances by Trinity's students in the **Judo category** across various weight divisions.

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Medal Type	Weight Category
Silver	-66 kg
Bronze	-73 kg
Bronze	-90+ kg
Bronze	-60 kg
Bronze	-81 kg

**Total: 1 Silver + 4 Bronze Medals**

This consistent performance in Judo reflects the growing strength of the college in martial arts disciplines.

## 19th Annual sports meet, GGSIPU

**JUDO WINNINGS**

- Silver  
Weight category -66kg

- Bronze  
Weight category -73 kg

- Bronze  
Weight category 90+kg

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## 19th Annual sports meet, GGSIPU

 - Bronze  
Weight category -60kg

 - Bronze  
Weight category - 81kg



### B. Vaka Premier League 2024 (Vastukala Academy)

Trinity's **Kabaddi Team** displayed exceptional teamwork and energy, securing the **Second Position** among numerous participating institutions. Their strategic gameplay and rigorous practice sessions were appreciated by the event organizers and peers alike.

## VPL, at VASTUKALA



 **2ND POSITION IN  
KABADDI**



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## C. SYNERGY 2025 (Apeejay School)

SYNERGY 2025 served as a remarkable platform for Trinity students to demonstrate their versatility across multiple games. The college achieved notable victories across the following categories:

Event	Medal Won
Arm Wrestling (Boys)	Gold
Volleyball (Girls)	Gold
Volleyball (Boys)	Bronze

**Total: 2 Gold + 1 Bronze Medal**

These wins highlighted the growing participation of both male and female students, showing that the institute's sports engagement is balanced and inclusive.

## SYNERGY 2025, Apeejay School



**Tug of war - Gold**





**Volleyball - Gold**



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## SYNERGY 2025, Apeejay School

- Arm wrestling girls**  
Silver
- Arm wrestling boys**  
Gold
- Badminton Doubles**  
Gold
- Badminton singles girls**  
Gold and Silver
- Badminton Singles boys**  
Gold and Silver

### D. Other Events

- In *SPARDHA 2025 (Don Bosco College)*, Trinity secured the **Runners-Up position in Badminton (Doubles)**, marking a commendable performance among reputed colleges.
- Students also participated in *ASTITVA '25 (ADGIPS)* and *ATHLEEMA '25 (AEG)*, gaining valuable exposure and experience through inter-college competition.

## SPARDHA 2025, Don Bosco College

Secured runners up position in badminton

Certificate of Appreciation SPARDHA'25

### 6. Analysis of Progress

The achievements of 2024–25 underline a distinct progress in both **sports' infrastructure utilization** and **student motivation**. The following key observations can be made:

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1. **Improved Training Access:** The availability of external grounds allowed students to train more effectively in professional settings. This has particularly benefited sports like cricket, football, and kabaddi, which require larger playing areas.
2. **Balanced Participation:** Both team and individual events saw increased representation. Students from various programs—including BBA, B. Com, BAJMC, BCA, and BALLB—participated, indicating that sports engagement is spread across disciplines.
3. **Rise in Female Participation:** A noteworthy trend has been the increase in female athletes, particularly in volleyball, badminton, and arm wrestling, where they performed exceptionally well.
4. **Increased Recognition:** The medals and trophies won at external events have positioned Trinity as a strong contender in the GGSIPU sports community, improving its institutional visibility.
5. **Cultural Integration:** Sports have started to occupy a more visible and valued space in college culture. Regular practice sessions, updates, and recognition ceremonies have strengthened the enthusiasm among students.

## 7. Role of Committee and Coordinators

The Sports Committee *TORQUE* has been instrumental in planning, organizing, and supervising all sports-related activities during the session. The **faculty coordinators, Mr. Ajay Kumar Sharma, Dr. Arvind Sagar, and Mr. Sudhanshu Bharti**, ensured smooth coordination between students and administration. Student coordinators **Riddhi Tyagi and Umang Bhardwaj** played a vital role in motivating peers, maintaining team discipline, and ensuring active participation across events.

Their collective leadership has helped establish a structure where every student with an interest in sports gets a platform to learn, train, and compete.

## 8. Future Plans

Building upon the achievements of 2024–25, the committee has charted the following plans for the next academic year:

1. **Specialized Sports Training:** Organize expert-led training sessions across sports such as cricket, volleyball, kabaddi, and athletics to refine techniques and strategies.
2. **Friendly Matches and Leagues:** Collaborate with neighboring colleges and sports academies to organize friendly matches, thereby enhancing competitive exposure.

  
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3. **Annual Sports Festival – “TIPS KREEDA 2025”:** Plan and host the college’s annual sports festival as a large-scale celebration of athletic excellence and interdepartmental competition.
4. **New Sports Introduction:** Introduce **Discus Throw** and **Tennis** as new competitive categories for upcoming tournaments.
5. **Faculty Engagement in Sports:** Encourage faculty participation through a “Sports Day for Teachers,” creating an inclusive sports environment on campus.

## 9. Overall Impact

The overall progress of outdoor sports activities at Trinity reflects a consistent improvement in engagement, performance, and organization. Students are now more motivated to balance academics with sports, and the administration’s continued support has created a strong foundation for future growth.

The establishment of partnerships with external grounds has helped overcome space limitations and provided real-time exposure to students. Moreover, the increasing number of medals across different sports demonstrates the efficiency of the training programs and the enthusiasm of students to represent the institution with pride.

## 10. Conclusion

The academic year 2024–25 marks a milestone for Trinity Institute of Professional Studies in terms of sports engagement and outdoor activity enhancement. Through infrastructural improvement, student motivation, and systematic training, the institution has achieved substantial success at various inter-college and university levels.

The medals and titles won in **Judo, Kabaddi, Cricket, Volleyball, and Arm Wrestling** highlight not just physical ability but also commitment, teamwork, and competitive spirit. The participation of over **160 students** across diverse sports demonstrates the strength and inclusiveness of the institute’s sports culture.

Going forward, Trinity aims to continue expanding its outdoor sports facilities, offering structured guidance, and ensuring every student has the opportunity to develop athletic skills alongside academic excellence. The Sports Committee *TORQUE* remains dedicated to making sports an integral part of campus life and to positioning Trinity Institute of Professional Studies as a leading institution for both education and sports excellence within the GGSIP University ecosystem.



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# TRINITY INSTITUTE OF PROFESSIONAL STUDIES

SECTOR-9, DWARKA, NEW DELHI-110075

## DETAILS OF SPORTS EQUIPMENTS

S.NO.	EQUIPMENTS	QUANTITY
1	Cricket Kit	3
2	Badminton Flap	1 Pair
3	Football	6
4	Table Tennis Bat (Konnex)	6
5	Table Tennis Ball	24
6	Badminton Racket	6
7	Shuttle	24
8	Volleyball Pole with Sleev	2
9	Badmintorn Pole with Sleev	1 pair
10	Yoga Mat	10
11	Table Tennis Board	4
12	Tug of War Rope	2
13	Basket Ball	1
14	Shot Put	2
15	Carrom Board	4
16	Chess Board	4
17	Football Saucer Cone	50
18	Kho Kho Pole	1
19	Volleyball-Cosco Super Volley	2
20	Ankle Weight 1 Kg cosco	1
21	Basket Ball Cosco Hi Grip	1

  
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Recognized under Section 2(f) of the UGC Act, 1956

Accredited "A" by NAAC

**SHREE OM PRAKASH  
TANDON MEMORIAL  
BEST TEACHER  
SCHOLAR AWARD**



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## NORMS AND PROCESS OF EVALUATION

1. Teachers with a minimum of two years experience as on 31 December of the year are eligible for competing for Shri O.P. Tandon Memorial Best Teacher-Scholar Award.
2. Only one Faculty Member of TIPS will be chosen BEST TEACHER SCHOLAR for each academic year.
3. There will be 360 degree appraisal: (a) Self Appraisal; (b) Students' Appraisal; (c) Appraisal by peers; and (d) Appraisal by Administration. The maximum marks allocated to these four appraisals are as follows:

(a) Self Appraisal	168
(b) Students' Appraisal	070
(c) Appraisal by peers	030
(d) Appraisal by Administration	135

**TOTAL MARKS    403**

4. The process of selection of Best Teacher Scholar for the year will be as follows:

In the first step only those teachers will be shortlisted who have at least scored the following marks in each of the four appraisals:

Description	Cut-off %age
Self Appraisal	40%
Students' Appraisal	75%
Peers' Appraisal	70%
Admn Appraisal	35%

In step two, from among the teachers shortlisted in step 1, the teacher scoring highest marks totaling the entire four criteria shall be declared **DIRECTOR** Best Teacher Scholar of the year.

If in case there is not even a single teacher who qualifies according to the above mentioned criteria, then the teachers who qualify in at least three criteria will be shortlisted and the teacher scoring highest marks totaling the entire four criteria shall be declared Best Teacher Scholar of the year.

If in case there is not even a single teacher who qualifies in at least three mentioned criteria, there will be NO award for Best Teacher Scholar in that year.

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12-5

**SH. O. P. TANDON MEMORIAL  
BEST TEACHER SCHOLAR AWARD**

On the basis of year round evaluation, a committee evaluates each and every faculty who has put in two years of service in the Institute, based on the guidelines and norms provided to them. A self-appraisal form is filled in by each and every eligible faculty member within the cut-off date. The following award and rewards are conferred to the Best Teacher Scholar:

1. A certificate of the award
2. One Memento
3. A Cash Prize of Rs.21,000 (Rupees twenty-one thousand only)

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6. Professors will not be contender for this award.
7. Students of the two previous years with minimum 70 per cent of attendances are eligible for filling up of STUDENTS APPRAISAL FORMS.
8. Designated Chief Coordinators/ Teachers will get the Students Appraisal Forms filled up from various classes. They shall calculate the average marks scored by each teacher and submit the score sheet along with the appraisal forms to the Director.
9. Filled in Peer Feed Back Forms will be submitted by the teachers directly to the Director.
10. Teachers competing for the Award will fill up Self Appraisal Forms and submit the same to the Director along with proofs and documents wherever necessary. In the absence of proof and documents, where necessary, ZERO marks will be awarded.
11. Director will verify the facts/ claims mentioned in the Self Appraisal Form from the Chief Coordinators/ Students' Support In-charge/ Records.
12. Self Appraisal Forms will be assessed as per "marking key" in a transparent manner, i.e., marks allotted for each attribute shall be mentioned in the appraisal form itself.
13. A Committee comprising CCOE and maximum of two teachers who have been recipients of the award in the past will compute marks obtained by each teacher shall short list 03 names and submit the same to the Director for onward transmission to the Management for final selection of the winner.
14. Decision taken by the Management on the recommendations of the Committee will be final and no appeal against it will be entertained.

  
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DIRECTOR

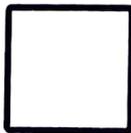
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*Ajay*  
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25/10/2024

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RUPEES/ रुपये Eleven Thousand only.

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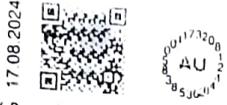
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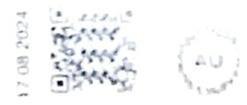
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**Best Faculty Award  
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*We are delighted to extend our  
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*This award serves as a testament to her  
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and transformative  
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**TRINITY INSTITUTE OF PROFESSIONAL STUDIES  
SECTOR 9 DWARKA**

**Conference**

S.No.	Name of the teacher	Name of the Conferences	Date (Month- Year)	Organizing body	WOS/COPUS/PEER REVIEWED
1	Dr. Mukta Sharma	Blockchain-Powered Smart Homes: A comprehensive Review and Outlook in the international Conference on Advances in Computing, communication and Intelligent Systems organised by Banarsidas Chandiwala Institute of Information Technology, held on 30th Mar, 2024	2024	Banarsidas Chandiwala Institute of Information Technology,	ISI/ISTAT
2	Dr. Arvind	13th TIPSCON: An International Conference	10th August, 2024	TIPS Dwarka	Scopus
3	Ms Shweta Rana	13th TIPSCON: An International Conference	10th August, 2024	TIPS Dwarka	Scopus
4	Sweta Sharma	Human Neural Network	10th August 2024	TIPS Dwarka	Scopus
5	Dr Shruti Khare	Combining Machine Learning & Deep Learning for Accurate Disease Detection	10th August 2024	TIPS Dwarka	Scopus
6	Dr. R.K. Sharma	Garbage Bin Classification Using Convolutional Neural Networks with Clean and Noisy Bin Images	10th August 2024	TIPS Dwarka	Scopus
7	Dr. Mukta Sharma	Garbage Bin Classification Using Convolutional Neural Networks with Clean and Noisy Bin Images	10th August 2024	TIPS Dwarka	Scopus
8	Dr. Arti Bajaj	Hate Speech Detection for Social Media Platforms Using Machine Learning Algorithms	10th August 2024	TIPS Dwarka	Scopus
9	Dr. Ruchika Gupta	"Metaverse and Mental Health: A Structured Equation Model to Analyse the Social and Economic Impacts on Well-being"	10th August 2024	TIPS Dwarka	Scopus
10	Dr. Mukta Sharma	A comparative Analysis of CNN Architecture for Sports Classification using IOT Devices	April 22-23, 2025	5th International Conference on ICT for Digital, Smart and	Springer
11	Dr. R.K. Sharma	A comparative Analysis of CNN Architecture for Sports Classification using IOT Devices	April 22-23, 2025	5th International Conference on ICT for Digital, Smart and	Springer
12	Dr. Aparna Chaturvedi	Digital Realities in Cyber Security: Advancing Image Processing Techniques for Deepfake Detection and Real-Time Retinal Eye Disease Detection Using Optimized Convolution Neural Networks	17th-19th July 2025	10th International Conference on ICT for Sustainable	Springer
13	Raj Kumar Sharma	Retinal Eye Disease Detection Using Optimized Convolution Neural Networks	October 18-19	Sunway University & GL Bajaj Institute of Management	Springer

**DIRECTOR**

*[Signature]*

**TRINITY INSTITUTE OF PROFESSIONAL STUDIES  
SECTOR 9 DWARKA**

*Conference*

S.No.	Name of the teacher	Name of the Conference	Date (Month, Year)	Organizing body	Topic
1	Dr. Vinod Sharma	Bioethics-Driven Smart Homes: A comprehensive Review and Outlook in the International Conferences on Advances in Computing, Communication and Intelligent Systems organized by Bharatika Chandowda Institute of Information Technology, held in 30th Mar, 2024	2024	Bharatika Chandowda Institute of Information Technology	Others
2	Dr. Anand	34th ITPS/DIC: An International Conference	10th August, 2024	ITPS Dwarika	Scopus
3	Dr. Shweta Sharma	35th ITPS/DIC: An International Conference	10th August, 2024	ITPS Dwarika	Scopus
4	Dr. Shweta Sharma	Human Neural Network	10th August 2024	ITPS Dwarika	Scopus
5	Dr. Shweta Sharma	Continuing Medicine Learning & Deep Learning for Accurate Disease Prediction	10th August 2024	ITPS Dwarika	Scopus
6	Dr. R.K. Sharma	Carriage Bin Classification Using Convolutional Neural Networks with Color and Weight Bin Images	10th August 2024	ITPS Dwarika	Scopus
7	Dr. R.K. Sharma	Carriage Bin Classification Using Convolutional Neural Networks with Color and Weight Bin Images	10th August 2024	ITPS Dwarika	Scopus
8	Dr. Anil Singh	Edge-Specific Prediction for Social Media Professions Using Machine Learning Algorithms	10th August 2024	ITPS Dwarika	Scopus
9	Dr. Shweta Gupta	Measures and Media Encoder & Structures Innovation Model to Analyze the Social and Economic Impact on Web-Paging	10th August 2024	ITPS Dwarika	Scopus
10	Dr. Vinod Sharma	A comparative Analysis of CNN Architecture for Sports Classification using IoT Device	April 22-25, 2025	9th International Conference on ICT for Digital India and	Scopus
11	Dr. R.K. Sharma	A comparative Analysis of CNN Architecture for Sports Classification using IoT Device	April 22-25, 2025	9th International Conference on ICT for Digital India and	Scopus
12	Dr. Agneta Chaturvedi	Digital Realities in Cyber Security: Advancing Image Processing Techniques for Deepfake Detection and Real-Time	7th-10th July 2025	10th International Conference on ICT for Sustainable	Scopus
13	Dr. Ravi Kumar Sharma	Political Eye Glasses Prediction Using Optimized Convolution Neural Networks	October 18-19	Summer, Innovation & IT Being Institute of Management	Scopus

Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Head of Sector 9, Dwarka