



Sushila Devi Bansal College, BGI Indore

NEWSLETTER

<https://sdbc.ac.in> newsletter@sdbc.ac.in

Biannual

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अभिव्यक्ति

Abhivyakti

"The highest education is that which does not merely give us information but makes our life in harmony with all existence."

— RABINDRANATH TAGORE



WELCOME

We are delighted to have **Dr. Anurag Shrivastava** as Principal at the S. D. Bansal College, Indore. You are going to be our valuable asset to our students and also the faculty members. On behalf of all the members and the management, we would like to extend our warmest welcome and good wishes.



Mr. Jaideep Sharma as the Head of Mechanical Engineering Department.

Congratulations and Best of Luck.

Congratulation

Dr. Atul Agarwal	Associate Professor	For being appointed as Deputy Head in CSE Department
Dr. Gunjan Shrivastav	Associate Professor	For being appointed as Deputy Head in CE Department
Mr. Mahendra Dawande	Assistant Professor	For being appointed as Deputy Head in ME Department

Editor's Desk

Warm Greetings to the readers of Abhivyakti.

We are pleased to share with you the second issue of our Newsletter, Abhivyakti. We are happy that our first newsletter has given us a good response and liked by all our readers. We would like to thank each and every one for their valuable feedback. We would also like to thank the students and the staff members who have shared their writings in this issue. The Covid-19 pandemic had disrupted the educational system with online classes but now slowly moving back to the normal, the offline classes are being conducted. We soon will start with the sports and cultural activities along with workshops and academic sessions and inform you all through this media.

Best Regards,



CODING SOULS UNTIL SALVATION



INAUGURATION

A novel initiative “Coding Souls”. An arena where the newly initiated coders can live their aspirations. This will give the logically brilliant problem solvers a platform to try their ideas and compete with their colleagues which will help them to hone their coding abilities and will make them industry ready. Coding Souls was inaugurated on 26th Jan 2022 in S D Bansal College.

HACKATHON

A social coding event Hackathon was conducted on 24th March 2022 by “Coding Souls” Club where programmers and other interested individuals worked together to improve upon or build software.



BGI CODERS 2K22

“Coding Souls” Club organized a competition “BGI Coders 2k22” on 28th April 2022. It gave the opportunity to test and grow in coding abilities with competitive programming environment.

The young and talented programmers got the chance to measure their logical skill capabilities and compare themselves to other programmers.

INDUSTRY-INSTITUTE INTERACTION CELL

MoUs-Tie Up Bonds with Companies

The aim of MoUs and Industrial Tie Ups is to build a strong networking with the Companies. SDBC has the following MoUs and Industrial Tie Ups signed to help our students. MoUs build a strong relationship foundation between two institutes to add a tie of cooperation which strengthens the faith of working with each other. The MoUs that we have signed are to provide our students with not only the basic foundation but also well attained first hand practical knowledge in terms of industrial training through projects, acquire knowledge via guest lectures and provide students with hands on training through internship programs. SDBC has signed MoUs with the following.



1. KTRC Engineering Services



2. Flexituff Ventures



3. MSME, Indo German Tool Room



4. Stelloid Infrastructure Pvt. Ltd.
5. Makerspace Technologies, BECIL, Training Division Govt. of India

#WEAREBGI

INDUSTRIAL INTERACTIVE SESSION

Sessions on Industrial Interactions play an important role for the development of students. These sessions provide a first-hand hard skill knowledge as the students come face to face with the experienced icons in the respective industries to share their know-how.

On 12th March 2022, an Industrial Interaction was held with Mr. Prafulla Chandra Dhar, Assistant Vice President, Flexituff Ventures International Ltd. followed with the signing of an MOU.



TO BANSAL, WITH LOVE FROM EICHER



To enhance the relations between the industry and institute, a collaboration took place between Volvo Eicher and S D Bansal College. On 29th April 2022, Volvo Eicher provided “Cut Section Assembly” the Working Engine Transmission System to Bansal College so that the students of Mechanical Engineering can get a practical assistance on the working of an engine.

IOT CLUB



On the Occasion of "World Tele-Communication & Information Society Day", a project exhibition and poster making competition was conducted at the premises. 40 students in total participated in the events. Mr. Sanjeev Singhal, G.M., Telecom Indore Division was invited as the chief guest who motivated the students by giving his knowledgeable exposer about the Telecom Industry. Mr. Saral Jain, the founder of 'Platforum' shared his thoughts about IOT Product Life Cycle and motivated the students. All this was followed by a prize distribution event to commemorate the excellent work displayed by the students.

NPTEL LOCAL CHAPTER

Speaking of academic development at SDBC, we proudly boast of it being register as a National Program on Technology Enhanced Learning Local Chapter. Since its inception, the Cell has been actively monitoring the academic enhancement of its faculty and students. 500 students and faculty members have successfully enrolled into NPTEL for certification. 'Chitvan Gupta' student of Computer Science & Engineering Branch bagged the 'Elite Certificate'. Certification also earns credits on the student's semester mark sheet which help them to specialize in their core subjects.



PARAKH PORTAL



Despite the increase in the quantity of engineering students the quality is neglected. The Parakh Portal takes care of the major specific competencies knowledge and soft skills. Parakh portal was introduced in SDBC and 960 students registered themselves.

UNIVERSAL HUMAN VALUE CELL

YOGA PROGRAM

Health is wealth. This proverb is enough to define the next event. On 31st January 2022, SDBC organized a one day health program for its faculties. A one day YOGA Program was conducted to maintain the peace, calm and free of stress environment.



PURSUIT OF HAPPINESS

When we interact with other human beings, the virtues that guide us into account are the human values. On 6th May 2022 the Universal Human Value Cell, SDBC organized an expert lecture by Mr. Ajay Sharma, International Yoga Trainer on the 'Pursuit of Happiness'. This cell conducts programs to create awareness among the students and faculties about Universal Values & Ethics, which would be beneficial for their self-exploration towards

harmony in individual, prosperity in family, fearlessness in society and co-existence in nature with the right understanding.

INTERNATIONAL YOGA DAY

On 21st June, on the International Yoga Day, the college organized an expert yoga session under the specialized guidance of Yoga Guru Mr Ajay Sharma. He emphasized on the importance of this Ancient Indian form of exercise and told how it keeps the body fit inside out. Under his supervision, the faculty members, the students, and the staff performed certain asanas and detoxed all stress and negativity from within.



UDAAN CLUB



Of all, only a few possess the wings to take a flight off the runway of education. SDBC provides such wings to the deserving candidates under its dedicated UDAAN CLUB. On 19th February 2022 one such step was marked in form of a webinar by the expert Ms. Akansha Sharma, Manager IDP Education India Pvt. Ltd. with its branch in Australia. The webinar covered the exploration of various avenues for a higher education abroad. The students actively participated and got a zealous feeling to prove themselves an abroad material.

WOMEN'S COUNSELING CELL



The Women's Counseling Cell of the college celebrated the Women's Day on 8th March 2022. This day started by applying 'Tilak' on the forehead of the girls. On the same day some activities were held which ended by honoring the '*Mahila Shakti*' with a Cake Cutting Ceremony.

UNNAT BHARAT ABHIYAN

Sushila Devi Bansal College, Indore is participating in UBA and adopted villages for their development in collaboration with district administration. The villages are Navda, Borkhedi and Pigmbar. A survey was conducted in these villages regarding the number of family members, the basic needs like food, clothing, shelter, sanitation, health care, transportation and education. A road map is being prepared keeping the problems in mind for improving the situation.



GREEN CLUB



The Green Club had organized a tree plantation drive at the SDBC Campus on 12th February 2022 to do a little for the future of mankind. Mother Nature has provided us with so many free gifts. One of the most important of all are trees. Trees are a source of providing oxygen which is the life line of us humans. Trees absorb CO₂ to help the living. What best we can do for nature in return is give it back what we snatched for our selfish move.

CULTURAL CLUB

REPUBLIC DAY CELEBRATION

SDBC celebrated with warmth and passion the Republic Day on the 26th of January 2022. Flag hoisting with pride was followed with cultural events filled with the love towards our nation which was further followed with the felicitation ceremony of those Bansalites who took SDBC to further heights of success by getting placed at attractive packages.

#WEAREBGI



BASANT PANCHMI

The yellow colour plays an important religious role in our culture. The Goddess of knowledge "Maa Saraswati" is offered prayers and respect on the auspicious occasion of Basant Panchmi. SDBC organized special Poojan on 5th February 2022 to attain the blessings of Maa Saraswati on the educational institution.



HOLI CELEBRATION

The festival of colors represents so many connotations. – 'Unity' in diversity, 'Happiness' in any situation, 'Reason' to smile and enjoy life and loads more. The staff and students played Holi with natural colors portraying a nature friendly tone.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY



1. A seminar was organized titled "Career in Open Source & Hands on Practice" on 11th February 2022 by Mr. Swapnil Mane, Vice President of Apache Community Development. In this session he enhanced the students about the open source technology "GitHub" and provided its practice session to students.

2. The department organized a webinar titled "Data Science Applications using ML & DL Techniques" on 9th April 2022 by Dr. Asadi Shrinivasulu. The session was all about constantly evolving scientific discipline that aims at understanding data using machine learning and deep learning techniques.



3. The department conducted a workshop on the topic "Machine Learning beyond the Buzzword & State of the Practice" on 13th April 2022. Mr. Somak Basu, Co-Founder and Owner of One-Quest Technologies was the speaker and covered about imparting the fundamentals to break into the field of AI, ML and Deep Learning.

4. On 22nd April 2022, four new advance computing laboratories were inaugurated. The labs named Data Analytics, Artificial Intelligence, Machine Learning & Deep Learning and Cloud Computing labs were established in order to strengthen the technical skills of our students along with the theoretical knowledge.



5. Department of Computer Science & Engineering and Information Technology departments successfully completed IITBX certification course. 130 students have enrolled in IITbx training in which 120 students have successfully completed IITbx certification course. Most of the students secured more than 90% i.e. A+ grade.

DEPARTMENT OF CIVIL ENGINEERING

1. Civil engineers are the nerves and veins of an economy as they are the ones responsible for the smooth running and functioning of everything. On 23rd February 2022 the department organized field visit of Light House Project for updating the knowledge of the current Japanese building techniques and technologies which have replaced the brick technology making the material light yet strong and along with that cost efficient with minimum use of binding materials.



2. Students also got a chance to visit the railway tracks to have a first-hand knowledge on the various minute information which can be seen while studying the tracks, their making and its laying for the uninterrupted running of the trains, of which India proudly possesses among the largest network in the world.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

1. On 28th April 2022 students of IInd Year ECE Department, SDBC Indore have been awarded with most creative project in 'Urjotsav 2K22'(Avishkar Project Model Expo) organised at Prestige Institute of Engineering Management & Research, Indore. The project was made by students of SDBC (Akash Gawali, Shaikh Mouslin, Owes Niyazi and Shristi Tayde). The theme of project was to purify air with humidity control at very low cost and portable design to carry easily.



DEPARTMENT OF MECHANICAL ENGINEERING



1. The Department organized a webinar titled "Emerging Fields in Mechanical Engineering" on 15th February 2022 by Prof. Ravi K Dwivedi, Professor of Mechanical Engineering Maulana Azad National Institute of Technology (M.A.N.I.T.) Bhopal. He discussed about the new technologies and upgraded the knowledge of the students about the emerging mechanical field.

2. The department conducted a webinar on the topic "Sustainable Material, Manufacturing and Circular Economy" on 19th February 2022. Dr. Elammaraan Jayamani, Professor, Swinburne University of Technology, Malaysia was the speaker and covered about the manufacturing and production of the upgraded sustainable long lasting material for the upliftment of the quality.



3. It is thought that mechanical engineering means only hard tools and mechanics but that is not the case. The department organized a 15 days training workshop for the students at Indo German Tool Room, MSME Indore in the month of June for practical exposure of the mechanical students on the software based Auto CAD and Creo modules.



DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

1. We all relish burgers. But do we ever think from where has the lettuce, the vegetables, the bun, all come from! 'Roti Kapda aur Makan: this is a basic saying which denotes the basic needs of any person. The department of 'Applied Science & Humanities' organized a webinar on 21st January 2022 under this banner. Dr. Raghu Echempati from Kettering University interacted with the students of the college and explained the importance of the basic needs. He took the students into the past during the lockdown period and reminded how all struggled to get the basic requirements.



DEPARTMENT OF MANAGEMENT



1. Students of SDBC visited 'Continental Refractories Pvt. Ltd.' from 18th May to 20th May in which students gained experience of real machine, work station, system plants, assembly lines etc. and this visit has provided the students with an opportunity to learn practical through interaction working methods and employment practices.

2. The MBA department on 27th May conducted a Seminar to enhance the understanding of the students in relation to Stock market and IPOs and how companies enter into the trading stream. The keynote speaker for the Seminar CA Mohit Patidar also guided the students into making a quality portfolio and also discussed about the trending Cryptos.



TRAINING CELL

1. Holistic development of a students is very important at any level. Holistic intelligence integrates and synchronizes the physical, mental, emotional, spiritual and social development. On 22nd January 2022, a webinar was organized by the Training Cell on 'Problem Solving through Holistic Intelligence'. Shri E.V. Swaminathan, a dynamic life skills coach was the profound speaker for the webinar.



2. The college organizes various webinars and seminars on various platforms for an add-on knowledge of students to keep them updated with the latest technological developments. One such webinar was conducted on 26th February by Mr. Parag Gaur, R & D Section Manager, Hewlett Packard (HP) with 25 years of experience. The webinar focused on the readiness of the students to step into the Corporate World.

3. The Training Cell of SDBC Indore is one of the most active cell. Training is the heart beat of any institute which fills the blood of students with confidence, skills and team leadership. The Training Cell here is one of a kind with full-fledged infrastructure and qualified trainers. Company Specific Training is what adds the difference here. Programs and Modules are specially designed keeping in mind the placement of our students in Techno Giants like Infosys, TCS, Tech Mahindra, Cognizant and more.



COMPETITIONS



SCIENCE QUIZ COMPETITION

On 16th January 2022, BGI organized a group level competition under the banner “**Science Quiz Competition**” where the students of 12th Class had the chance to kill two birds with one stone. The aim was to extract not only the winning candidate but also the talent within them. A prize distribution event was held on 11th April 2022 in which those students who excelled in the competition were awarded.

SLOGAN COMPETITION

Slogans have the power to affect the whole society. Slogans can change the mentality, motivate and provide incite. An online slogan writing competition was held in the month of March wherein the students of 12th class had to present their creative aspect in black & white on the platform of ‘**Womanhood**’ to celebrate the era of Women.



NATIONAL SCIENCE DAY COMPETITION

The day is celebrated to commemorate the discovery of the Roman Effect by the Pride of the Nation, the physicist Shri C.V. Raman on the same day in 1928

On 28th February 2022, the students enthusiastically took part in various activities and competition – ‘Poster Making’, Short Video Making’ and ‘Speech’. The students exhibited and showcased their talented side to mark the occasion.



ACHIEVEMENTS

Moments are made memorable when a person believes that he/she can and will win the Bulls-Eye. Some members of the college who reached to heights of achievement.

S.N.	NAME	CLASS	ACTIVITY	COMPETITION	WIN	
1.	Prof. Priyanka Sharma	Faculty MBA	Kettlebell	9th GSFI National Championship	Gold Medal	
2.	Nidhi Verma	MBA I Year	Power Lifting	Inter-College Championship, by DAVV	Silver Medal	
3.	Gouri Thakur	B.Tech I Year	Rangoli Making	World Record for 5 th time in a row in World's Biggest Rangoli Making	World Record	
4.	Ms. Shrishti Sharma	MBA II Year	Academics	University Topper	1 st Rank in DAVV	
5.	Narendra Choudhary	B.Tech I Year	Rugby	National Player	1 st Position	
5.	Prateek Makwane	B Tech IV Year	Power Lifting	Organized by Power Lifting Association	1 st Rank	

BANSALOTSAV 2K22

SDBC conducted Bansalotsav from 20th April to 23rd April, 2022. On the 20th morning we started with a March Past and Mashal Lightening ceremony with our chief guest Dr. Manish Jaiswal, Sports Officer, SGSITS and Shri Narendra Kaushik, Chairman, MP Table Tennis Association who encouraged our students to participate in the sports spontaneously. Whenever we hear the word '*Utsav*', we engross ourselves into the thoughts of attractive lights, irresistible music, DJs, and also savoring foods. We tend to incline our ideas towards massive crowd, competitions, and cultural diversities which certainly gift us with a huge package of memories. The students as well as the faculty members were all busy with several sports like cricket, basketball, kho-kho, tug of war, badminton, Table Tennis and indoor games like carom and chess. We also had cultural activities like face painting, mehndi, rangoli, dance, song, one minute stand-up comedy short film making etc. The students also performed Nukkad Natak and Flash Mob in Chappan Dukan and MHOW. We also had food stalls from our sponsors and students where we enjoyed delicious and mouth-watering dishes.

On 23rd we had to end our fest with the prize distribution ceremony with our Chief Guest Padma Shri Dr. Janak Palta, Shri Sachin Agrawal, Sr. Vice President, Eicher Volvo and our Group Director Dr. H B Khurasia.

Interacting with different people, trying to understand their ideologies and working with them is the crux of every college fest, which in turn adds spice to our experience. But this is not the only yield of a fest. We can learn plenty of other things while immersing ourselves into College Fest activities.



PLACEMENT DAY

Placement plays an important role for an institute. 100% Placement adds feather to the hat and S D Bansal College proudly possesses such feathers. With proudly placed candidates, Placement Day was celebrated by BGI in Bhopal, where **honorable Chief Minister Shri Shivraj Singh Chouhan Ji** felicitated the placed candidates of BGI where 43 students of SDBC Indore bagged with the highest placement being **42 Lakhs**. Along with this, SDBC Indore also holds the Certificates of Excellence to Dr. P S Chauhan (Director SDBC Indore) and Prof. A S Kittur (Dean Training & Placement SDBC Indore)



STUDENT'S DESK

1. VOICES

And ongoing conflict of voices,
 wrecking my presence of mind,
 creating an endless, confusing quest,
 with no solutions that I can find.

A mayhem of voices surrounds me,
 who am I supposed to believe?
 The one begging for me to stay,
 or the one scolding me, asking me to leave.

Vocies inside and out, all around me,
 in utter havoc, overpowering and immense,
 do not let me listen to my own mind,
 depriving me of all reason and sense.

This battle of voices is killing me everyday,
 depriving me of the sense of being a person,
 and the point is that, I don't even know,
 if this raging battle has a justified reason.

The continuous turmoil caused by these voices,
 makes me question my own existence,
 makes me continue a futile probe,
 increasing my exhaustion and annoyance.

Vocies so loud I can't hear my inner voice,
 I can't hear myself even if I scream,
 everything happening feels unpleasantly surreal,
 like a torturous, tiring dream.

With so much going on inside and around me,
 I often feel tired, angry and powerless,
 "Will you ever be okay?", I asked myself,
 as I stare at another me, at the end of this confusing mess.

When I try to listen to myself,
 an echo of these voices is all I can hear, without any idea of how my true
 self feels,
 how am I supposed to live without fear?

Will I still be myself when everything goes silent?
 Who will I be when this chaos of voices ends?
 For everything that has gone wrong and will go wrong,
 Will I, at the end, be able to make amends?

Sometimes I wonder what it will be like,
 to run away from this world of hollow voices,
 to enter an abyss of blissful ignorance,
 and live a life built on my choices.



Arushi Saxena
 III year, V sem
 B.Tech - CSE

3. प्रयास

कल की बातें कल ही जाने,
 बीत गई सो बीत गई।

एक नई सुबह, एक नई शुरूआत,

कर के खुद पर पुनः विश्वास

तुम भर लो फिर एक नई उड़ान

बदलो समय का चक्र तुम

दिखा दो अपनी ख्याति

रुक जाओ वो तुम नहीं,

थक जाओ वो तुम नहीं,

निरन्तर करते रहो प्रयास।

प्रयासों से ही एक दिन

तुम रचोगे इतिहास

ठान लो अगर तुम

असंभव भी संभव हैं

तुम्हारी कोशिशों के चलते ही,

सब संभव है।

हार के डर को भूल कर

जीत की ओर कदम बढ़ाते जाओ

तुम चलते जाओ, निरन्तर प्रयास करते जाओ।

उस दिन तुम्हारी ज़िद के आगे

ये जहाँ झुक जाएगा।

जिस दिन तुम अपनी

जीत का परचम लहराओगे।



Yash Saini
 IV YEAR, VIII Sem
 B.Tech – CSE

cognitive outcomes" found that student who had past programming experience scored 16 percent higher on cognitive ability tests than remaining students. Clearly, it helps us recognize the benefits programming provides.

The International Space Station an engineering marvel takes help of programming for its systematic functioning and research. One of the examples is a simple computer program which identifies space debris which has possibility to be a threat to the ISS. The space station adjusts its orbit based on the threat level it encounters. Programming can help us find solution of problems irrespective of their size and complexity. It anonymously exerts our thinking to be more focused and connected. It empowers the way we think and absorb information.

Founder of Apple Sir Steve Jobs said, "Everybody should learn to program a computer, because it teaches you how to think." There are numerous advantages of learning too program but once learnt it can help a individual and society in general.



Shruti Ashok Sharma
 IV Year, VII Sem
 B.Tech - CSE

2. POWER OF PROGRAMMING

In 1973 American Writer Sir Robert A. Heinlein proposed in his book "Time Enough to Love", tasks every individual should learn, this includes tasks such as writing a Sonnet, solving an equation etc. The list surprisingly includes "Learn to program a Computer". Programming is an inevitable part of technological advancement made since last century. The first computer programmer of the world Madam Ada Lovelace has left behind trails of success for Human race. Programming is not just for computer engineers and scientists, but for individuals who want to grow analytical and logical thinking.

British Scientist Sir Stephen Hawking said, "Whether you want to uncover the secrets of the universe, or you just want to pursue a career in the 21st century, basic computer programming is an essential skill to learn." Programming enables us to think differently and clearly. It grants us power to simplify, to innovate, and to solve problems in efficient manner. A study conducted in 1991 by meta named "the effects of computer programming on

FACULTY DESK

1. DESIGN AND DEVELOPMENT OF AUTOMATIC POSITION TRACKING CONTROL SYSTEM (APT-CS)

Demonstration of designing of Automatic Position Tracking Control System is carried out by Professor Harshanand Golghate and team, in the ECE laboratory of S.D. Bansal College, Indore.

In this a pair of potentiometers is formed to detect the difference between the actual position of shaft and the reference position of shaft. This works as an error detector. This error detector produces an error voltage proportional to the difference in shaft positions. An amplifier with high input impedance amplifies this voltage. This voltage is given to a power amplifier stage. The D.C. motor is given power by this power stage. The motor is coupled with the gear. If an error exists, the motor develops a torque to rotate the output load in such a way as to reduce the error to zero.

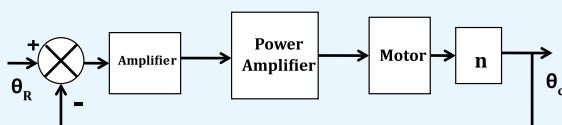


Figure: Block Diagram of Automatic Position Tracking Control System (APT-CS)

Applications of Automatic Position Tracking Control System (APT-CS) include:

- Aircraft control systems
- Radar tracking systems
- Missile tracking systems
- Electromechanical Actuators
- Robotics
- Machine tools
- In lifts and elevators



Mr. Harshanand Golgate
Assistant Professor
Department of Electronics & Communication

2. IS BITCOIN KING OF CRYPTOCURRENCY?

Born in 1975, a Japanese, Satoshi Nakamoto developed Bitcoin in 2007 and his one of the world's leading Cryptocurrency application of Blockchain.

"Blockchain are electronic ledgers that record transactions online. It ensures the integrity of cryptocurrency by encrypting, validating and permanently storing transactions. In contrast to a bank's ledger, a blockchain is open to everyone who uses the cryptocurrency it supports".

Moreover, there are top 10 cheap cryptocurrency to buy in 2022 are as: Lucky Block (LBLOCK), Avalanche (AVAX), Maker (MKR), Ethereum (ETH), Chainlink (LINK), Uniswap (UNI), Enjin (ENJ), Basic Attention Token (BAT), Yearn.finance (YFI), Solana (SOL) but Bitcoin (BTC) is still in leading state. Buying procedure of any cryptocurrency varies including a few steps like: Register, verify minimum deposit amount etc.

Now the question is Why Bitcoin is still in leading state?

The answer is, there are some reasons: Bitcoin already broke a resistance level of investors to believe, adopt high public confidence, increasing payment adoption like PayPal.

"With a flat 30% tax rate on digital assets or crypto, the government is taking a conservative stance on taxation", announced in India's budget 2022.

Due to its size and dominance as a cryptocurrency by market cap, Bitcoin tends to be an indicator of the overall crypto market.

Unlike traditional currencies, crypto currencies are different. These digital currencies and the blockchain technology behind them initially attracted crypto enthusiasts for a number of reasons, including their independence from international banks, greater anonymity and increased profitability.

In addition to borderless payments and decentralized finance (DeFi), cryptocurrency transactions now encompass machine-to-machine transactions, which is why so many writers have written about the cryptocurrency revolution. One day, everyone will have a wallet containing cryptocurrency.



Ms. Nandini Sharma
Assistant Professor,
Department of CSE

3. UNDERSTANDING ARIMA MODEL FOR ML

ARIMA stands for Auto-regressive Interspersed Motivating Avenge (ARIMA)

ML stands for Machine Learning

ARIMA models are generally denoted as ARIMA(n, m, o) where n is the order of auto-regressive model, m is the grade of differentiate, and o is obtain of motivating averse imitation. ARIMA models use differentiate novitiate a non-anchored time sequence into an anchored one, and then anticipate (predict) planned ethics from authentic evidence.

ARIMA model overall class of dummy used for Predict time space evidence.

ARIMA models PROS

1. Behave well on shortened Prediction.
2. Sketch non-anchored time space.

ARIMA models CONS

1. Hard to predict alteration points.
2. Mathematically costly.
3. Cannot be worn for patterned time space.



Ms. Jagrati Thakur
Assistant Professor,
Department of CSE

The ARIMA technique is a demographic method to investigate and erect a forecast miniature which best exemplifies a time space by carve in the correspondence in the data. ARIMA models only need the authentic documents of a time space to hypothesize the forecasting and superintend to accession prediction exactness while preserving the imitation avaricious.

ARIMA models can be competently and flawlessly used for short - term forecast with just the time space data, but it can catch some acquaintance and investigate to find amatchless set of spectrum for each use case.

PLACEMENT DIARIES

Placements being the most integral part of a student's life as well as a reputed activity performed by any institute. The placements grabbed by the institutes through their students reflect the position and working stability of the organization. At BGI, keen attention and interest is inclined towards the up-gradation and up-skilling and overall development of the young mind is taken care in order to acquire the latest technical and soft skills required by the industries. BGI Indore has laid forward incomparable milestones in the field of placements. We have bagged numerous high end results towards placements that has made us proud.

Offering certainty in uncertain times

Placement 2022 Batch

100%
PLACEMENTS

Total Offers: 555+
Opportunities: 215+
Highest Package: 42 LAKHS

Placement 2023 Batch

Companies Visited: 38

No. of students

Placed: B.Tech 46
MBA 08

Highest Package: 36.50 LPA
Trilogy Innovations



Jugal Nagar
Microsoft
Highest Package
42 LAKHS
B.Tech, CSE



Divya Singh
Walmart
23.39 LAKHS
B.Tech, CSE



Swati Chourasiya
Infoedge
14.50 LPA
B.Tech, CSE



Piyush Joshi
Consultadd
12.00 LPA
B.Tech, IT



Shruti Sharma
eQ Technologic
11.76 LPA
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