

A report on AKAM-EBSB Programme

Ek Bharat Shrestha Bharat (EBSB)

-Manipur & Nagaland paired with Madhya Pradesh under Azadi Ka Amrit Mahotsav



A visit of Manipur state students to paired state,
Madhya Pradesh at IPS Acsdemy, Indore

Ministry of Education, Government of India

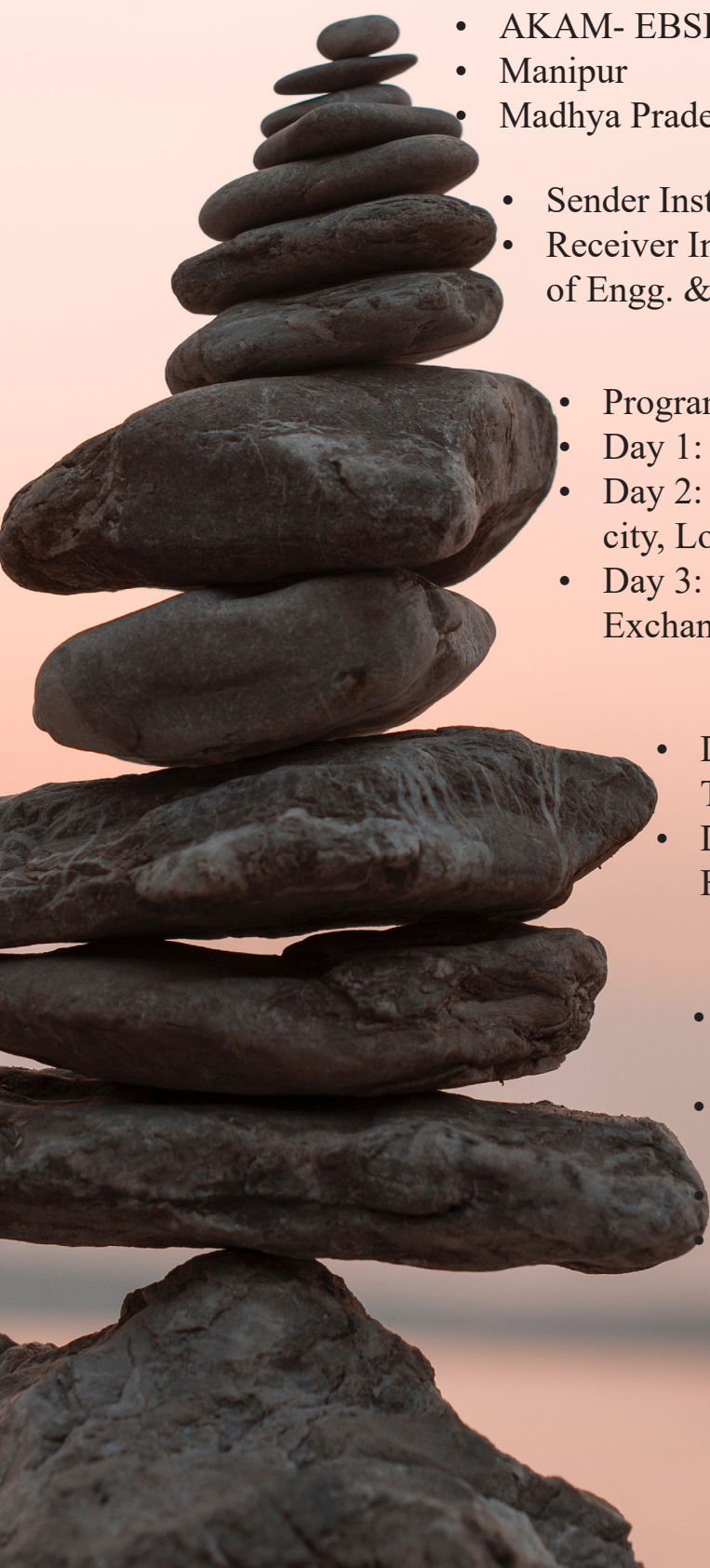
Manipur Institute of Technology (A Constituent College of Manipur University)



Cultural Exchange | Exploring New Horizon | Knowledge Sharing

Monday 11 July, 2022

Table of Contents



- AKAM- EBSB
- Manipur
- Madhya Pradesh
- Sender Institute: MIT, Imphal, Manipur
- Receiver Institute: IPS Academy, Institute of Engg. & Sc. Indore
- Program Schedule
- Day 1: Arrivals
- Day 2: Inaugural ceremony, Clean and smart city, Lost History & Heroes
- Day 3: Science & Technology and Cultural Exchange and spirituality
- Day 4: Sports and Spirit of Unity, Science & Technology, Food and cultural exchange
- Day 5: Visit ASI Monument, The Maheshwar Fort
- Day 6: Music and Memory Making, ASI Monument
- Day 7: Joint Cultural Program and Valedictory Program
- The outcome of the program
- Vote of thanks



Ek Bharat Shreshtha Bharat (EBSB)
*Manipur & Nagaland paired with Madhya Pradesh
under Azadi Ka Amrit Mahotsav*



Ministry of Education, Government of India
Manipur Institute of Technology
(A Constituent College of Manipur University)

AKAM- EBSB programme :

The initiative 'Ek Bharat Shreshtha Bharat' programme, announced by Hon'ble Prime Minister on 31st October, 2015 on the occasion of the 140th birth anniversary of Sardar Vallabhbhai Patel, was a programme which aims to foster the spirit of Unity in diversity by encouraging interaction and mutual understanding between people of different states and UTs through the idea of pairing of states and UTs. The core activities of this programme include language learning, culture, traditions & music, tourism & cuisine, sports, etc.

Under this program, there are two types of institutes that are identified. One is a sender institute, and the other is a receiver institute. The sender institute will identify the group of students from its lot and prominent schools of its state, and the receiver institute will receive the students sent by the sender institute. The receiver institute will facilitate visits about the cultural exchange, food exchange, traditions, sculpture, best practices, etc.

Under this initiative, Madhya Pradesh is paired with Manipur and Nagaland. In this case, the receiver institute appointed by AICTE is IPS Academy. Institute of Engineering and Science, Indore, and the sender institute is Manipur Institute of Technology, Imphal, Manipur. A group of faculty members and students from Manipur Institute of Technology, Imphal, and Schools of Manipur visited the campus of IPS Academy Institute of Engineering and Science Indore, and stayed there for a week.

The visit details are summarised below :

Students from Schools of Manipur: 19

Students from MIT, Imphal, Manipur: 14

Faculty members from Schools of Manipur: 02

Faculty members from MIT, Imphal: 02

Representatives from EdCIL: 02

Students from IPS Academy Institute of Engineering & Science, Indore: 10

Faculty from IPS Academy Institute of Engineering & Science, Indore: 04

Total members : 53

Number of female members: 18

Number of male members: 25

Duration of the visit: 26 June to 2 July 2022 (one week)

Number of BSF personals deployed for security: 05

EBSB Coordinator: Prof. Rupesh Dubey, HoD EC

Head of the receiver Institute: Dr. Archana Keerti Choudhary (Principal)

Head of the sender institute: Prof. N. Basanta Singh

Name of the teacher-in-charge for sender institute: Dr. Ch. Gobin Singh (Nodal Officer, AKAM-EBSB) & Miss Nemthianhoi Zou P.

Student Participants from Manipur Institute of Technology

1. Monika Thokchom
2. Bishwanath Singh
3. Banshali Laipubam
4. Okram Ajoy Singh
5. Hoipi Thoitak
6. Praveen Elangbam
7. Alex Waikhom
8. Tongbram Poireinganba
9. Jeslin Konthoujam
10. Chandabi Chabungbam Devi
11. Tarana Chabungbam
12. Md. Suhak Shah
13. Moirangthem Jonathan
14. Tongbram Devajit Singh

Student Participants from Schools of Manipur

1. Moirangthem Remita Chanu (Eastern Ideal H.S)
2. Lairenmayum Naobi Singh (Praja Hr. Sec. School)
3. Julie Ngangbam (WAngkhei H.S)
4. Rebirthson Maibam (Wangkhei H.S)
5. Ksh. Rupashiya Devi (Padma Ratna English School)
6. N. Honey Meetei (Keibi H.S)
7. Thokchom Linthoi Chanu (Wangkhei H.S)
8. I. Jupiter (Wangkhei H.S)
9. Ak. Tomthin Chanu (New Ideal H.S)
10. Leishangthem Manda (SAgang Hr. Sec. School)
11. Hoikhanthem Lupheng (Thangtong Hr. Sec. School)
12. JV Warnoi Lamkang (KGBV Langol, Tegnoupal)
13. Thangsha Tonia Maring (KGBV Langol, Tegnoupal)
14. Rk. Nikhil (Kakching Hr. Sec. School)
15. Ksh. Aryan Singh (Kakching Hr. Sec. School)
16. Sohan Bhujel Khawash (T. Vaichong H.S)
17. Lalminlun Kipgen (T. Vaichong H.S)
18. Khumanthem Pamuba Singh (Heirok Hr. Sec. School)
19. Ningthoujam Pritam Singh (Heirok Hr. Sec. School)

Name of the teacher-in-charge: Ranjeeta Devi Rajkumari & Shamurailatpam SunilDutt Sharma

MANIPUR



Manipur is a state in Northeast India, with the city of Imphal as its capital. The state lies at a latitude of 23°83'N – 25°68'N and a longitude of 93°03'E – 94°78'E. The capital lies in an oval-shaped valley of approximately 700 square miles (2,000 km²), surrounded by multiples of subparallel blue mountains chains, at an elevation of 790 metres (2,590 ft) above sea level. The mountain ranges create a moderate climate, preventing the cold winds from the north from reaching the valley and barring cyclonic storms.

It is bounded by the Indian states of Nagaland to the north, Mizoram to the south and Assam to the west. It also borders two regions of Myanmar, Sagaing Region to the east and Chin State to the south. The state covers an area of 22,327 square kilometres (8,621 sq mi). Meitei language (officially known as Manipuri language) is the most widely spoken language and is also the official language of the state, spoken natively by the Meiteis and as a lingua franca by the Nagas, Kukis, Zomis and other smaller communities, who speak a variety of Sino-Tibetan languages.

There are 33 recognised tribes (in Manipur) which either fall under the Nagas or the Kukis, the two different conglomerates of Manipur tribals. The two communities are differentiated mainly from their distinctive dialects, costumes, cultures and traditions. The Nagas have a history of headhunting and a strong warrior tradition whereas the Kukis are a sub-family of the Tibeto-Burman language group which is also related to Mizos of Mizoram and Chins in Myanmar. The recognized tribes who made their home in Manipur for years now are Aimol, Anal, Chiru, Chothe, Gangte, Inpui, Hmar, Kharam, Khoibu, Koirao, Kom, Lamkang, Liangmai, Mao, Maram, Maring, Mate, Monsang, Moyon, Paite, Poumai, Purum, Ralte, Rongmei (Kabui), Simte, Suhte, Tangkhul, Tarao, Thadou, Thangal, Vaiphei, Zeme and Zou.

Manipur has been at the crossroads of Asian economic and cultural exchange for more than 2,500

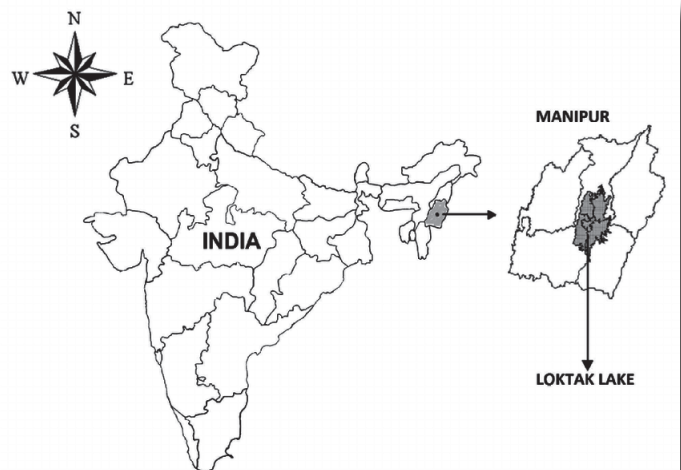
years. It connects the Indian subcontinent and Central Asia to Southeast Asia, East Asia, enabling migration of people, cultures and religions.

The Meitei represents around 53% of the population of Manipur state, followed by various Naga tribes at 24% and various Kuki/Zomi tribes at 16%. Tribals constitute about 41% of the state population (according to 2011 census) and have dialects and cultures that are often village-based. Manipur's ethnic groups practice a variety of religions.

Manipur has primarily an agrarian economy, with significant hydroelectric power generation potential. It is connected to other areas by daily flights through the Bir Tikendrajit International airport, the second largest in northeastern India. Manipur is home to many sports and the origin of Manipuri dance, and is credited with introducing polo to Europeans.

Natural vegetation occupies an area of about 14,365 square kilometres (5,546 sq mi), nearly 64% of the total geographical area of the state, and consists of short and tall grasses, reeds and bamboos, and trees. Broadly, there are four types of forests: Tropical Semi-evergreen, Dry Temperate Forest, Sub-Tropical Pine, and Tropical Moist Deciduous. There are forests of teak, pine, oak, uningthou, leihao, bamboo, and cane. Rubber, tea, coffee, orange, and cardamom are grown in hill areas. Rice is a staple food for Manipuris.

Manipur's climate is largely influenced by the topography of the region. Lying 790 metres above sea level, Manipur is wedged among hills on all sides. This northeastern corner of India enjoys a generally amiable climate, though the winters can be chilly. The maximum temperature in the summer months is 32 °C (90 °F). The coldest month is January, and the warmest July. Manipur has a population of 2,855,794 as per 2011 census. Of this total, 57.2% live in the valley districts and the remaining 42.8% in the hill districts. The hills are inhabited mainly by the Nagas, and Kukis, and smaller tribal communities and the valley (plains) mainly by the Meiteis, and the Pangals (Manipuri Muslims).



MADHYA PRADESH



Madhya Pradesh is a state in central India. Its capital is Bhopal, and the largest city is Indore, with Jabalpur, Ujjain, Gwalior, Satna, and Guna being the other major cities. Madhya Pradesh is the second largest Indian state by area and the fifth largest state by population with over 72 million residents. It borders the states of Uttar Pradesh to the northeast, Chhattisgarh to the southeast, Maharashtra to the south, Gujarat to the west, and Rajasthan to the northwest. Madhya Pradesh literally means "Central Province", and is located in the geographic heart of India in between the latitude of 21.6°N–26.30°N and longitude of 74°9'E–82°48'E. The state straddles the Narmada River, which runs east and west between the Vindhya and Satpura ranges; these ranges and the Narmada are the traditional boundaries between the north and south of India. The highest point in Madhya Pradesh is Dhupgarh, with an elevation of 1,350 m (4,429 ft). Madhya Pradesh is home to ten National Parks; Bandhavgarh National Park, Kanha National Park, Satpura National Park, Sanjay National Park, Madhav National Park, Van Vihar National Park, Mandla Plant Fossils National Park, Panna National Park, Pench National Park and Dinosaur National Park, Dhar. The population of Madhya Pradesh consists of a number of ethnic groups and tribes, castes and communities. The scheduled castes and the scheduled tribes constitute a significant portion of the population of the State 15.6% and 21.1% respectively. The main tribal groups in Madhya Pradesh are Gond, Bhil, Baiga, Korku, Bhadia (or Bhariya), Halba, Kaul, Mariya, Malto and Sahariya. Mandla, Dhar, Dindori, Barwani, Jhabua and Alirajpur districts have more than 50% tribal population, with Jhabua

and Alirajpur having nearly 90% tribal population. The official language of the state is Hindi, which is spoken by over two-thirds of the population and is used for all government business. In urban areas Standard Hindi is the main language, while Urdu is spoken by Muslims. In rural areas, however, most speak varieties counted as dialects of Hindi in the census, although most are quite distinct. Hinduism is the main religion and is followed by 90.9% of the population. According to the census of 2011, 90.9% of residents followed Hinduism, while minorities are Muslim (6.6%), Jain (0.8%), Buddhists (0.3%), Christians (0.3%), and Sikhs (0.2%).

Three sites in Madhya Pradesh have been declared World Heritage Sites by UNESCO: the Khajuraho Group of Monuments (1986) including Devi Jagadambi temple, Khajuraho, Buddhist Monuments at Sanchi (1989) and the Rock Shelters of Bhimbetka (2003). Bus and train services cover most of Madhya Pradesh. The 99,043-kilometre-long (61,542 mi) road network of the state includes 20 national highways. [53] A 4,948-kilometre-long (3,075 mi) rail network criss-crosses the state, with Jabalpur serving as headquarters for the West Central Railway Zone of the Indian Railways. The Central Railway and the Western Railway also cover parts of the state. Cricket, kabaddi, hockey, football, basketball, volleyball, cycling, swimming, badminton, and table tennis are the popular sports in the state. Traditional games like kho kho, gilli danda, sitoliya, kanche, and langdi are popular in the rural areas.





Manipur Institute of Technology

(SENDER INSTITUTE)

The Manipur Institute of Technology (erstwhile Government College of Technology) is a AICTE-NEQIP funded institute. It was established on 28th August 1998 by the Government of Manipur as Pioneer Engineering College in the State. On 31st December 2003, the College was renamed as Manipur College of Technology and the management of the College was handed over to a Society headed by the Hon'ble Chief Minister of Manipur as Chairman. Further, the Institute was renamed as Manipur Institute of Technology (MIT) since 4th February 2005. MIT became a Constituent College of Manipur University w.e.f. 13th October 2005.

VISION :

Excellence in engineering and technology education with good leadership in Human Resource Development.

MISSION :

To produce technically strong, innovative, research oriented, all round developed engineers capable to solve modern challenges by adopting student centric teaching learning methods.

To impart engineering and technology education for all round development

To produce good engineering professionals with social commitment.

CAMPUS INFORMATION

Takyelpat Campus

MIT Takyelpat campus is located just adjacent to NH 37 (New Cachar Road) approximately 4 Kms. from the heart of Imphal City. It is about 6 Kms from Imphal International Airport, Tuliha, Imphal

Manipur University Campus (Canchipur)

MIT Manipur University Campus is located at Canchipur, Imphal, the capital city of Manipur. The University campus is spread over an area of 287 acres in the historic Canchipur which is the site of the old palace of Manipur "The Langthal Konung (Palace)" which was established by Maharaja Gambhir Singh in 1827 AD just after the liberation of Manipur from Burmese (Myanmar) occupation. Maharaja Gambhir Singh took



MIT takyel campus

his last breath at Cancipur. Cancipur is located along the National Highway (NH-2) at about 8 km. from the heart of the Imphal City and 12 km. from Imphal International Airport.

DEPARTMENTS IN MIT :

Department of Civil Engineering

Civil Engineering department presently offers the following programmes:

1. B.E. in Civil Engineering
2. M. Tech. in the following specialisations
 - a) Structural Engineering
 - b) Geotechnical Engineering
 - c) Water Resources Engineering
 - d) Transportation Engineering
 - e) Environmental Engineering
3. Ph. D. in Civil Engineering

Laboratory Facilities:

- Material Testing Lab.
- Fluid Mechanics Lab.
- Environmental Lab.
- Photogrammetry and Remote Sensing Lab.
- Soil Mechanics Lab.
- Structural And CAD lab.
- Transportation Engineering lab.
- Surveying Lab.
- Geology Lab.

Other Major Equipments are:-

Microprocessor based UV-visible Spectrophotometer

Tri-Axial testing Apparatus

Portable DO Meter

Digital Control BOD Incubator

Trimble Total Station

Digital Flame Photometer

Electrical Analogy Apparatus

Hele-Shaw Apparatus

Water Hammer Surge Apparatus

Marshal Apparatus

Department of Electronics & Communication Engineering

The Department presently offers the following programmes:

1. B.E. in Electronics & Communication Engineering
2. M. Tech in the following specialisations :
 - a) Microelectronics and VLSI
 - b) Communication and Signal Processing
3. Ph. D. in Electronics & Communication Engineering

Lab. Facilities :

MICROWAVE LAB.

MCS-03 Microwave Communication Training system

i) Microwave Transistor

ii) Microwave Receiver

iii) 15 nos. of different types of antenna

ELECTRONIC DEVICE & CIRCUIT LAB.

CRO's, Function Generators, Trainer Kits for vari-



MIT MU campus

ous devices, Dual Power supply variable power supply.

Digital Signal Processing & Image Processing Laboratory:

The Laboratory is equipped with a good number Texas Instruments, DSP Kit with Add-on-Modules and Spectrum Analyzer for performing Digital Signal Processing experiments. Latest MATLAB Software is using for performing Digital Processing and Image Processing experiments.

Digital Laboratory: There are a good number of digital Trainer Kits and ICs, logic analysers, micro-processors, microcontrollers, data acquisition cards, stepper motor controller cards, relay & opto-coupler interfacing cards etc.

Instrumentation Laboratory: It is equipped with temperature transducers Thermocouple, IC sensor interfacing to PC, Industrial type of remote transmitter, PC based stepper motor, Servo driver etc.

Communication Laboratory: There are good numbers of kits for analog and digital communication microwave devices, TV Training Kit. AF Signal generators, AM, FM modulator & De-modulator, SSB Modulation & demodulation Kit, FSK Kit.

Software: There are up-to-date office automation softwares, MATLAB, ORCARD.

Department of Computer Science & Engineering

The Department presently offers the following programmes:

1. B.E. in Computer Science & Engineering
2. M. Tech in Computer Science & Engineering

Laboratory Facilities:

- Computer Graphics Lab.
- DBMS Lab.
- Software Lab.
- Networking Lab.
- Programming Lab.

Department of Mechanical Engineering

The Department is offering B.E. in Mechanical Engineering (intake 30) from the academic session 2019-20.

Department of Electrical Engineering

The Department is offering B.E. in Electrical En-

gineering (intake 45) from the academic session 2019-20.

Library :

The Library provides invaluable information needs of the institute faculty, staff and students. There are around 20 thousands volumes covering all disciplines of science, engineering & technology, humanities & social sciences. In addition to the books, few collection of audio/video cassettes and CDROM discs also available in the Library. The library currently subscribes to around 15 national and international journals in sciences, engineering and humanities. The library remains open from 9:00 AM to 5:00 pm on all working days.

Student life :

The institute has a Hostel Block which can accommodate around 200 students.

Internet connectivity is provided to all the students through VSAT (512 kbit/s). There is a large football field and a basketball court. The establishment of various clubs like Debating club, Music Club, Photography club, Hiking Club and Hobby club etc. is on the way.

Training and Placement :

The Training and Placement Cell of the college looks after the placement of the students. It arranges training of students so that they come up with suitable jobs in the industry and various private and public sector organizations. The Training and Placement cell have started inviting senior executives of major industries and organizations to provide pre-placement courses to the students prior to formal campus interviews.

Number of students who have successfully passed out through our undergraduate and postgraduate courses in this institute are 1499 and 93 respectively. Among them, many of them have been placed in various government departments, IITs, NITs, Defence, Scientific Organizations and other reputed companies.



IPS ACADEMY, INDORE

(RECEIVER INSTITUTE)

IPS Academy, Institute of Engineering & Science, Indore (A UGC Autonomous Institute) IPS Academy-imparting Knowledge, Skills, Values since 1999. The institute built on the pillars of discipline, determination, quality education and dedication is an ongoing endeavor to transform raw talent into future corporate managers who can effectively handle corporate challenges and take businesses to greater heights. Creativity & innovation co-exist and thrive at IPS Academy, Institute of Engineering and Science, one of the leading Engineering Institutes of the country. The institute is synonymous with novel ideas and innovations in the science and technology sector, across central India. It is the first self financed institute of Madhya Pradesh which is UGC Autonomous and affiliated to RGPV Bhopal. The highly qualified and experienced faculty here not only imparts engineering knowledge to the students but also inculcate qualities like hard work, dedication, integrity, sincerity and ethics in them to mould them to become a better version of themselves along with being an excellent professional. Established in 1999 offering 10 UG & 8 PG programs (B.Tech in Civil, Chemical, Mechanical, Electronics & Communication, Electrical & Electronics, Fire technology & Safety and Computer Science Engineering & M.Tech in Computer Science (AIML), Digital Communication, Chemical, Industrial Safety, Structural Engineering, Construction Planning & Management, Power Electronics, and Robotics). IES is now recognized as the fountain head of novel idea and innovations in science and technology, all over the nation. Headed by renowned educationalist Dr. Archana Keerti Chowdhary, there is a committed team of highly qualified teachers who by all means encompass the students with their treasure of knowledge. Their determination is appreciated by various honors like achieving 'Young Scientist Award' consequently 5 years.





Rank & Recognition

- NBA Accreditation Granted to all eligible UG Programs
- Known for its excellent academic quality, industry focused curriculum, collaboration with Russia, Japan, and Sri Lanka for joint research projects, IES has been ranked 32nd in top 125 Private Engineering Colleges in the country by Times of India (Times Engineering July 2022), Ranked 38th among the Top 170 Engineering colleges in country by Times of India (Times Engineering June 2022) and 1st in Central Zone (Times Engineering June 2022).
- It has also got the tag of being the Top preferred institute for education amongst self financing institutes in MP by CSR.
- ARIIA-2021 Band Performer
- Awarded by AICTE under USVA 2020 under two categories both first rank i.e., for “How innovatively conducting classes” and “The support provided to migrants”.
- Top 5 Performing IIC in central India by MHRD, AICTE New Delhi (**)
- Clean and Green Campus Recognition Award
- 3rd Position for the best green practices adopted in the field of Energy conversation 2019
- Top Performing Remote Centre Spoken Tutorial (**)
- Best Implementation Award - Unnat Bharat Abhiyan(Ministry of Education)
- Awarded by RGPV for Best Green Practices adopted in the field of Energy Conservation
- Certificate of Appreciation for significant contribution in “One Student One Tree” initiative by AICTE

PROGRAM SCHEDULE

Day 1 : Departure from Imphal and arrival at Indore (June 26, 2022, Sunday) at Devi Ahilyabai Airport Indore at 07.15 PM and 09.40 PM

Day 2: Inaugural ceremony, Clean and smart city, Lost History & Heroes, (June 27, 2022, Monday)

The inaugural ceremony of the program from 11.00 AM to 01.00 PM & and a short film of IPS Academy Indore. Post-lunch session: visit the Bio CNG Plant of Indore Municipal Corporation (The consecutive five times Cleanest city in India), Khajrana Ganesh Temple, established during the Holkar Dynasty.

Day 3: Technology and Science and Cultural Exchange and spirituality, (June 28, 2022, Tuesday)

The visit starts at 09.00 AM from IPS Academy Indore to Dongla Robotic observatory Ujjain (Located at 00 longitudes), Greenwich Meridian & Mahakaleshwar Jyotirling (One of the twelve Jyotirlings in India).

Day 4: Sports and Spirit of Unity, Technology and Science, Food and culture exchange, (June 29, 2022, Wednesday)

Local sports and games are at the day's core: joint cultural Programs; visit International Long tennis & Basketball Courts at IPS Academy Indore. The visit will start at 02.00 PM from IPS Academy Indore for Laal Bagh Palace, the heritage of the Holkar Dynasty, The Rajwada Palace Indore built during the Holkar Dynasty, the famous Sarafa Choupati

Day 5: Visit ASI Monument, The Maheshwar Fort, (June 30, 2022, Thursday)

The visit starts at 08.00 AM from IPS Academy Indore to the Maheshwar Fort, which has the golden swing and weapons of the Holkar dynasty. Camps at the Fort Local food/refreshment, Souvenirs. Dip in the Holy Narmada River, the Visit Holkar Museum Visit to Internationally famous artisans of Maheshwar Silk, in the night food culture of Indore visit Chappan Dukan (Developed in line with world-famous New York's Times Square)

Day 6: Music and Memory Making, ASI Monument (July 1, 2022, Friday)

The visit starts at 08.00 AM to Mandav Garh, the cultural Heritage town of the Holkar Dynasty. Visit Rani Roopmati Pavilion & Baj Bahadur Palace. Visit to Hindola Mahal, Jahaj Mahal, Eco Point, Hoshang Shahi Tomb, Jama Masjid, Ashrafi Mahal. Food and Cultural Exchanges, Music Shows, Selfie points, etc.

Day 7: Joint Cultural Program and Validatory (July 02, 2022 Saturday)

Joint cultural program at 11.00 AM, with the IPS Academy Institute of Engineering & Science, Indore students from Manipur. Also, it is targeted to evaluate the program's outcome by the feedback from the students of Manipur. Shopping at the modern and popular mall of Indore, the C21 Mall, Departure from IPS Academy Indore at 05.00 PM to Devi Ahilyabai Holkar International Airport Indore

DAY 1 : Departure from Imphal and arrival at Indore.



Departure from MIT, MU Campus

Students with two teachers of Manipur Institute of Technology were flagged off by respected Vice Chancellor, Prof. N. Lokendra Singh with Prof. N. Basanta Singh, Principal, MIT in presence of teaching and non-teaching staffs from Manipur Institute of Technology, Manipur University campus at 7:30 am on 27/06/2022.

The team reached Indore, Madhya Pradesh at 21:40 pm. on the same day and were received by Sir Rupesh Dubey and his team from the airport. We were brought to the dining hall for dinner after which we were dropped to the hostel to take rest for the day.



Arrival at Devi Ahilyabai Holkar International Airport

DAY 2 : Inaugural ceremony, clean and smart city, lost history and heroes

The day started with breakfast at 8:00 am followed by distribution of T-shirt, cap, ID-Card and pen at 9:00 am.

Then, we prepared ourselves for the official programme which started at 11:00 am.

We had our lunch at 1:00pm, followed by our visit to Bio CNG Plant and Nepra Resource Management Pvt. Ltd, which play a major role in Indore achieving the title “The cleanest city” five consecutive times.

Waste is divided into Solid waste, liquid waste and gaseous waste.

“Waste is tomorrow’s resource” has been proven by Indore city.

After which, we visited Khajrana Mandir which is one of the most famous Hindu temples in India.



Informal gathering of students & teachers of IPS academy
, MIT & schools of Manipur at IPS campus



Observing Project model of bio CNG plant



Visit to Nepra Resource Management Private ltd.

DAY 3 : Science and technology and cultural exchange and spirituality

:
The day starts with breakfast at 7:00 am and we left for Varahamihira Astronomical Observatory, Dongla in Ujain district at 8:23 am



Sundail at Varahmihir Astronomical Observatory Dongla



Observing zero shadow effect at Dongla



Science & technology: Varahmihir Astronomical Observatory
Dongla

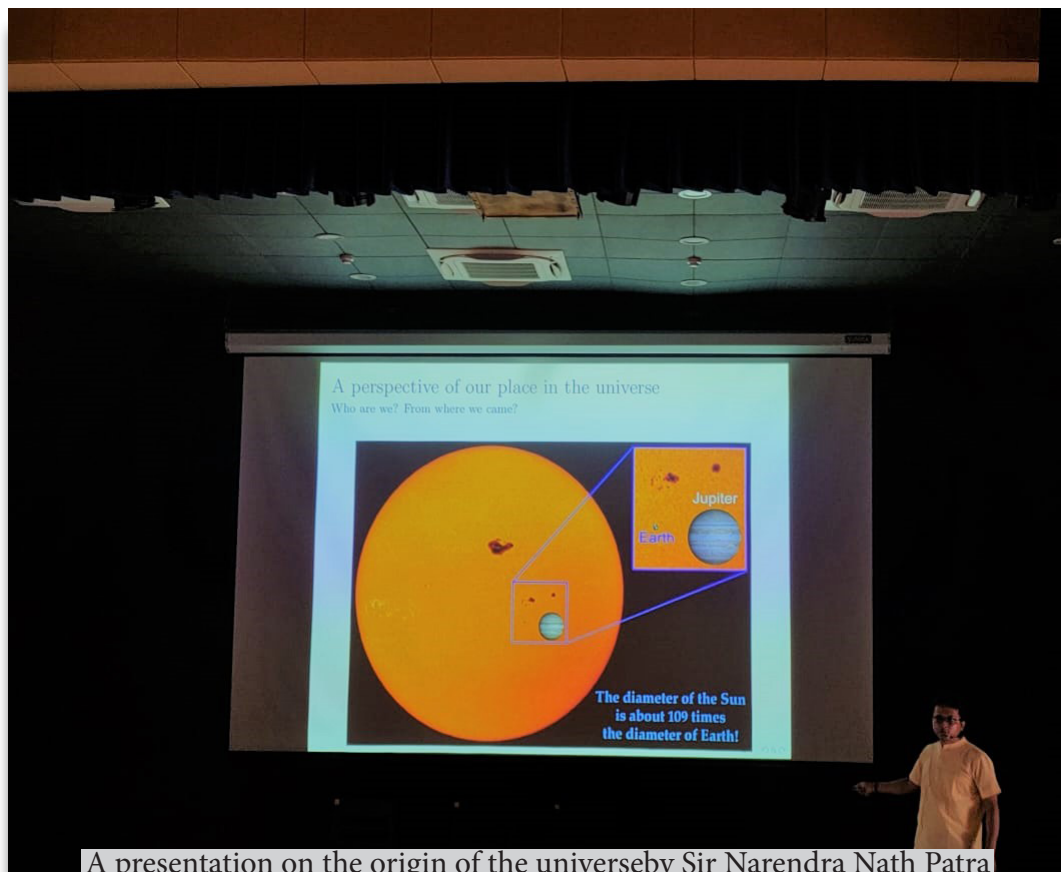
Visit to Dongla Robotics Astronomical Observatory

Dongla is significant in that it lies at the intersection of the Tropic of Cancer and local longitude, which was our ancient Indian Time meridian, and the sun rays are exactly perpendicular during the summer solstice.

Dr. Rajesh Sharma, a Senior Principal Scientist at the Observatory, made special arrangements for the students. Many observatories equipment was displayed with special permission. The officials from the Observatory showed the pulse ring instrument, cone instrument, wall instrument, Bhaskar yantra, and Samrat yantra. The officials gave a detailed explanation, and all the students were fascinated by the observations.

Traditional Malwa food, including Dhokla, Samosa, Milk Cake, Lassi, etc., was arranged for the troops.

The Observatory has a dome of 5 meters and a height of 12.05 meters, with a telescope installed to study stars and planets. Later, Dr. Narendra Nath Patra, a senior professor in the Department of Astronomy and Astro Physics and Space Science, IIT Indore, gave an expert talk about the basics of Space Physics through a presentation.



A presentation on the origin of the universe by Sir Narendra Nath Patra

Then, our second visit was made to the Ujjain Jyotirling Mahakaleshwar, one of the twelve Jyotirlings in India.

Ujjain, known as the City of Temple, was ruled by Maharaja Vikramaditya and is famous for its holy Maha Kumbh Mela, a gathering attracting more than two crore people every twelve years. After the visit to the temple, the students had local food, including rice, dal, paneer, etc., and then returned to campus.



A visit to Mahakaleshwar

DAY 4 : Sports and spirit of unity, science and technology, food and cultural exchange

We started the day with sports and other activities followed by breakfast at 8:00am after which we toured the A block and B block of IPS Academy. Various sports activities were conducted at the Internationally developed sports complex of IPS Academy.

The students participated in sports which included volleyball, football and swimming etc. The beautiful and cool weather that morning helped the students to enjoy the sports activities. Indore's famous Poha Jalebi was served for breakfast



Volleyball

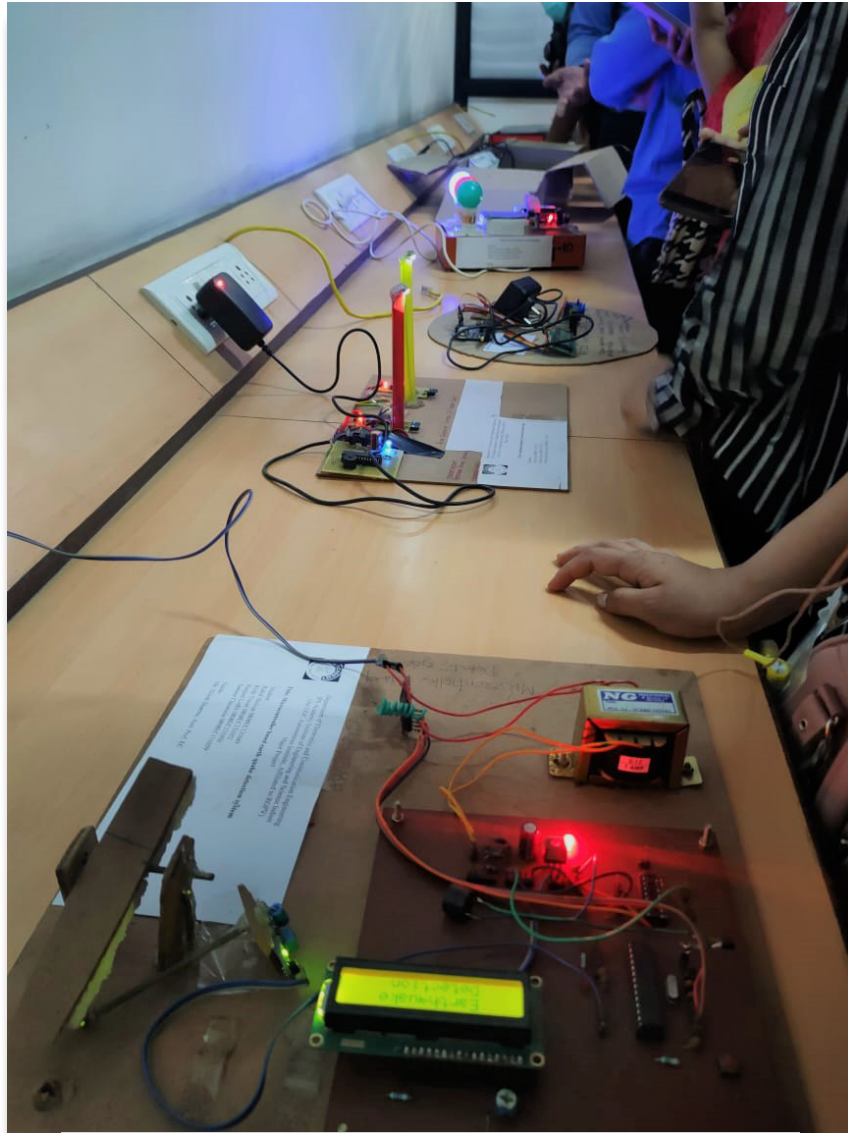


Swimming at IPS Swimming Pool

Post breakfast the students visited various Waste Management Laboratories at IPS Academy Institute of Engineering and Science, Indore. The visit started with the presentation of Waste Management at IPS Academy Indore. In IPS Academy, almost all types of waste except e-waste are recycled to the maximum. The steps taken toward cleanliness were shown and a visit was made to the Sewage Treatment Plant, Organic Waste Compost Plant and Agglomeration Plant. Students also visited the advanced laboratories like the Fluid Mechanics, Robotics, Fire Technology Park, Heavy Structural Lab, Instrumentation Lab, Design Lab etc.



Civil Engineering laboratory



ECE laboratory



Electrical machine laboratory

Later that day, the troop visited The Lal Bagh Palace, which reflects the grandeur of the Holkar Empire located in Indore. The glorious saga of the Holkar Empire in the Lal Bagh was splendidly explained by the guide. Students saw the dining hall, dancing hall, public and private meeting hall of the Maharaja Yashwant Rao Holkar. Students visited the hall that exhibited the photography and paintings of the Maharaj and also visited the personal rooms of the King and Queens. They saw the skins of tigers and cheetahs hunted by the Royal family. The students were very happy to see the grand view of Lalbagh Palace.



Visit to Lal Bagh Palace

The students and teachers of Manipur tasted the flavors of different cuisines and ate a variety of dishes at the world famous Sarafa Chowpatty of Indore. They enjoyed the famous dishes of Sarafa Chowpatty, be it 'Dahi Vada' and 'Bhutte ka Kis' at Joshi Dahi Vada or 'Khopra patties' at Vijay Chat House or the 'Jalebi'. Students were fascinated by seeing the huge mob at the Sarafa Chowpatty during the late night.



Dahi Vada



DAY 5 : *A visit to Maheshwar Fort*



Visit to Maheshwar

The troop visited Devi Ahilya Fort at Maheshwar. It is about 100 kilometers from Indore and is a known tourist spot.

Students had the local food for breakfast, including Kachori and Samosa, and then left for their destination, Devi Ahilya Fort Maheshwar.

Devi Ahilya Fort, in the central Indian town of Maheshwar, sits high above the river Narmada. Devi Ahilya Bai Holkar constructed this place, which was her residential place. Devi Ahilyabai Holkar ruled here from 1765 to 1796 and built Ahilya Wada, her residences, offices, and darbar audience hall within the fort.

This 16th

-century fort is famous for its elegant architecture and spectacular view from the Narmada River. The students divided into groups visited the fort, took pictures, and had much fun. They were excited to see the beauty and details of the fort and its architecture.

DAY 6 : *Visit to Mandav*

Mandav Garh is a famous tourist site in the state of Madhya Pradesh. During the journey to Mandav, an ancient fort city in the central Indian state of Madhya Pradesh, the troop went through ghats and beautiful landscapes.

After enjoying the local traditional food at lunch, the crew visited the famous Jahaz Mahal. Situated between two artificial lakes, this two-storied architectural marvel is so named as it appears as a ship floating in the water. The tourist guide described the beauty of this Fort. The students had much fun taking pictures and spending time together. The BSF personnel were always with the group and spent time talking to them and listening to their brave stories.

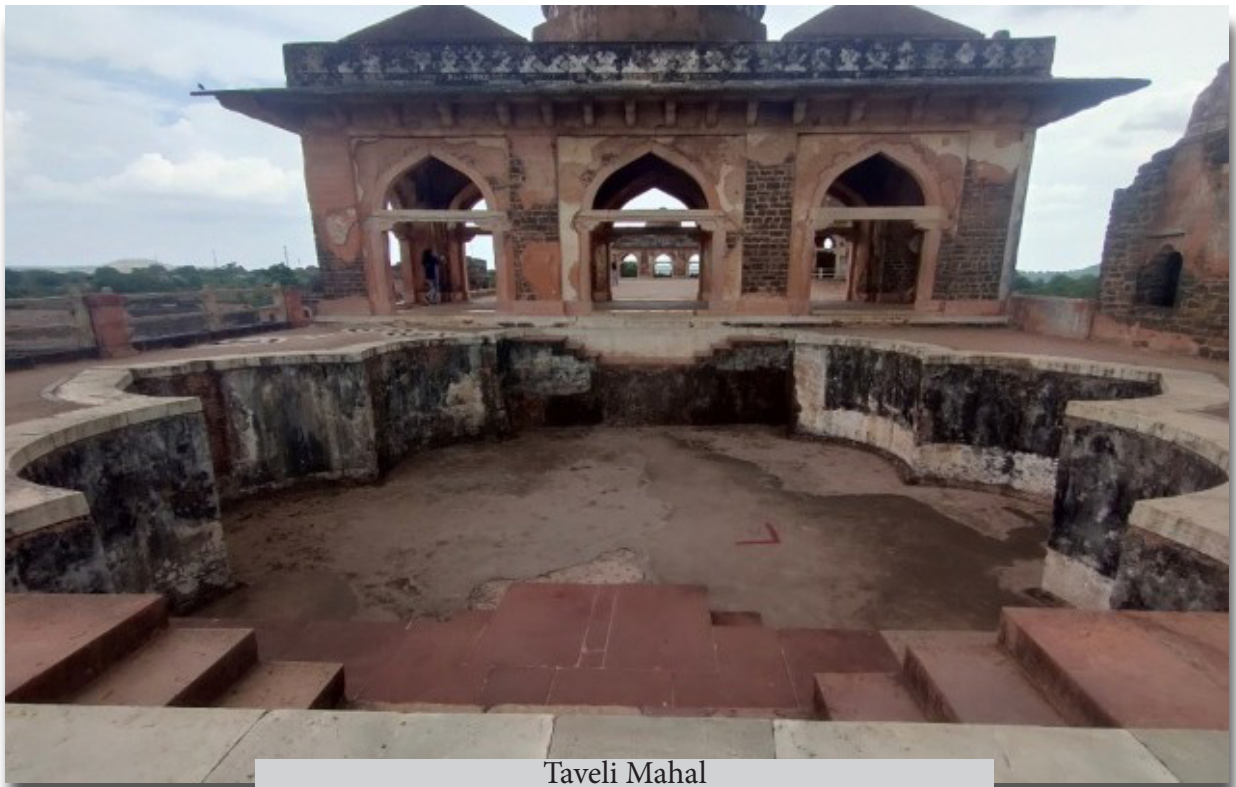
The convoy reached their first site Rani Roopmati Pavillion. The tourist guide explained the Palace's importance and details about this 10th century city.

After visiting the Palace and taking lots of pictures, the troop went to their next site, The Baaz Bahadur's Palace. There are about 40 broad steps to the entrance of the Palace, and this hilltop monument offers scenic views of the surrounding region. The Palace enclosed huge courtyards, large halls, and terraces that offered breath-taking views.

After spending almost an hour at this site, the group left for their next site, which was an echo point. Situated next to a steep hill, this scenic place gets its name from its natural echo phenomenon. A shout from Echo Point reverberates far below and can be heard back clearly.



Rupamati Pavalion



Taveli Mahal



Hindola Mahal

DAY 7 : Joint Cultural Program & Validatory

The program aimed to provide a flavor of the tradition and culture of the two paired states, Manipur and Madhya Pradesh.

Manipur students wore their colorful cultural dresses and looked beautiful together. IPS students and teachers also wore traditional outfits. They took many pictures, spent time dressing up together, and create memories. The program started at 11:00 AM and was graced by the presence of eminent dignitaries:

Shri Rajeev Verma Veteran actor Film and TV

- Shri Shripad Joshi Head Sanskaar Akhil Bhartiya Natya and Rang Manch MP
- Shri Lokendra Dwivedi National School of Drama MP
- Shri Satish Dave National School of Drama MP
- Shri Hari Narayan Chari Mishra (IPS) Police Commissioner Indore, MP
- Shri Prafull Mendhe, Second in command BSF Indore
- Prof. Rupesh Dubey HoD EC and Coordinator EBSB Mission
- Dr. Archana Keerti Choudhary Principal IPS Academy Institute of Engineering and Science Indore
- Ar. Achal K Choudhary President, IPS Academy Indore

Students visited the gallery of the Fine Arts Department of IPS Academy. They saw many National and International level sculptures by students and faculty members of the Department of Fine Arts, IPS Academy Indore. Here they got the feel of the rich heritage of the Malwa region ruled by the Holkar Dynasty. The students tasted the local cuisines and enjoyed chole bhature and kheer for lunch.

The faculty members from MIT and Schools of Imphal felicitated the guests with their traditional scarfs. Dr. Archana Keerti Choudhary, Principal IPS Academy Institute of Engineering and Science Indore, and Prof. Rupesh Dubey HoD EC and Coordinator EBSB distributed souvenirs as a token of remembrance from IPS Academy and lunch packets among the students from Manipur. Students from IPS Academy spent time with their Manipur friends talking about their wonderful time together for the last seven days. None of them had thought that they would all be this close by the end of this trip. The students were all sad that they would be saying goodbye within a few hours, but all were also thankful that God had given them this friendship. The students then went to the hostel and helped each other pack up.

The buses departed from IPS Academy, and their next destination was C21 Mall Indore. The C21 Mall is one of the most advanced shopping destinations for traditional and modern items.

The troop reached Devi Ahilyabai Holkar International Airport Indore at 6:00 PM. The students



Group Photo 1

all hugged and waved goodbye. It was an emotional moment for them. These seven days together had given them beautiful memories, and they were sad to be saying goodbye. They also thanked the BSF officials and Manipur teachers. After taking a few more pictures together, the IPS students and their teachers returned to the IPS campus.

Overall, this trip was a memorable one and was tremendously beneficial to both the students of the paired state. The students promised each other that they would meet again soo.



Group photo 2



Group song by students of Manipur



Malwa Dance by students of IPS Academy



Group Song by students of IPS

THE OUTCOME OF THE PROGRAMME

The EBSB programme has deeply enhanced the participants in various dimensions, including the intellectual, emotional and spiritual domains.

Having exposed to the Asia's third largest bio CNG plant and waste segregation unit, a tendency to incline towards eco-friendly approaches for our own basic requirements has been ingrained in the mind-sets of the participants. The visit to the Khajrana Ganesh temple and the Mahakaleshwar temple act as a turning point in the thinking pattern of the participants as far as the spirituality is concerned.

From the Dongla Robotics Astronomical observatory, the participants have known the degree of intelligence of our ancestors. Also, the insightful lecture given on the origin of the universe has fascinated some participants who have a deep passion in astronomy.

Those friendly matches played between the participants of Manipur and Madhya Pradesh have served as a glue of emotional bonding between them, thereby enhancing the spirit of unity. Also, the participants got a magnificent amount of eye-opening experiences from the campus trip, which includes visiting advanced labs like the Robotics, fire technology, heavy structural lab., etc

After visiting some historical sites, the participants have become aware of some sections of the history of Madhya Pradesh. The architecture of the structures has become an inspiration to some of the participants having engineering background. Moreover, the foods of Madhya Pradesh have given an authentic everlasting taste to the people of Manipur. Exposure to the rich culture of MP seems to have improve the perspective the participants have about this state.

The deep interaction and bonding between the participants of the two states signify the philosophy of oneness of our world, and that the human identifications are just illusions of the mind. Regarding the zealous aura of this trip, one participant said, "The dormant seed of infinite energy present inside me has been activated by the vibration of the energy radiated by the students of IPS academy."

Similarly, the participants of Madhya Pradesh have learnt a lot about the culture, tradition, sports, language, etc. of their counterpart through oral narrations, and a cultural programme on the last day. As it happens, the audience of each state were mesmerised by the meaningful songs and artistic dances performed by the representatives of each state. In a nutshell, this EBSB programme has become an unbreakable bridge between the two states. In this way, the core activities of the programme have been fulfilled through the concerted effort of the energetic officials and students of IPS academy, Indore. From this scenario, we can conclude that this programme acts as a reinforcement of the concept of "UNITY IN DIVERSITY" of our country, India. The participants of Manipur shall ever remain indebted for the goodness of the people of Madhya Pradesh, especially the officials and students of IPS Academy, Indore, and the BSF personnels who guarded us day and night during the trip.

VOTE OF THANKS



I, **Ch. Gobin Singh**, Assistant professor, on behalf of Manipur Institute of Technology, Imphal, would like to thank the State Govt. of Manipur, State Govt. of Madhya Pradesh, Central Archeological (ASI) Department, State Archeological Department, Department of Tourism, CSIR, Ministry of Defense, Border Security Forces, Local administrations, Ministry of Education-Higher Education, Ministry of Education-School Education and Literacy, Department of Sports, Department of Youth Affairs, Ministry of Culture, Ministry of Tourism, Ministry of Railways, Ministry of Home affairs, Ministry of Information and Broadcasting, Ministry of Environment, Forest, and Climate Change, Ministry of Women and Child Development, Ministry of Ayush, Ministry of Textiles, Team Ajadi ka Amrit Mahotsav, AICTE, EDCIL, State and Central Media persons, Electronics and Print Media, Social media Platforms, and others who have shed sweats to make this programme a fruitful one. Without this collective effort, the programme would be incomplete.