



विश्वजीवनामृतं ज्ञानम्

ANNUAL REPORT **2021-22**

(Academic Year: July 2021-June 2022)



Atal Bihari Vajpayee-
Indian Institute of Information Technology
& Management, Gwalior

(An Institute of National Importance under Ministry of HRD, Govt. of India)

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Indian Institute of Information Technology
& Management, Gwalior**



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Chairman's Message



Atal Bihari Vajpayee-Indian Institute of Information Technology and Management (ABV-IIIITM) Gwalior, an Institute of national importance under the Ministry of Education, Government of India, is dedicated to teaching, research, innovation and training in the cusp areas of IT and Management, contributing towards nation building through skill development.

Despite the impact of the unfortunate pandemic during the academic session, I am happy to note the following specific developments of ABV-IIIITM Gwalior:

- The faculty members of the Institute got a good number of Research and Development projects from various agencies.
- ABV-IIIITM Gwalior is one of the 1st Cohorts of 30 Institutions to be supported under chips to startup programmes of the Government of India.
- ABV-IIIITM Gwalior is recognized in the band "PROMISING" under the category "Institute of National Importance & Central Universities/ CFTs (Technical)" in Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.
- NIRF 2021 ranking of the Institute stood at 106 in "Engineering" and 58 in the "Management" category.
- Scientific publications by faculties have increased significantly and are exceptional.

The closing rank of the Institute in various academic programmes confirms that the Institute continuously attracts quality students, faculty and staff, including overseas students from neighbouring countries. I am sure that this trend will continue in the future too.

The Institute has made efforts to disseminate its knowledge base through Management Development Programmes/Faculty Development Programmes/International conferences/Seminars & Workshops. This has helped in gaining professional recognition.

There seems to be an increase in the number of visitors connected through online mode from India and abroad. I am sure this will certainly help in gaining global acceptance and recognition. I am also happy to learn about the improvement in our NIRF ranking under the "Management" category. However, there is enough scope to improve it further. It is noteworthy that our campus has been consistently rated as a green campus.

The Board members, Ministry of Education officials and distinguished professionals serving on various statutory committees of the Institute have made valuable contributions towards the growth and evolution of the Institute.

I compliment the students, faculty and staff of the Institute for their contributions in making the Institute a vibrant and organic entity.

I wish the Institute grand success in its pursuit of excellence.

Deepak Ghaisas
Chairman, BoG

Director's Report



I, Dr Sri Niwas Singh, took the charge as Director of ABV-IIITM Gwalior on April 8, 2022, from Prof R Sahu, who was interim director. It is a matter of great pride to welcome you to the annual report of the Institute for the academic year 2021-22. Atal Bihari Vajpayee-Indian Institute of Information Technology & Management (ABV-IIITM) was established by the Ministry of Human Resource Development (now Ministry of Education), Government of India, with the primary objective to promote education, research and outreach activities in the niche areas of IT and Management, very well backed up by applied sciences. This report is an account of various activities during the year.

ACADEMICS

The B Tech (CSE) program started in 2017. The IPG programme has been streamed into IPG (MTech) and IPG (MBA) at the entry stage itself. The lab courses have been introduced separately in the new curriculum, with an objective to improvise the hands-on skill of students and help them understanding the theoretical concept better. During this academic session, 69 UG, 115 IMT, 68 IMG, 30 M Tech, 6 MBA and 16 Ph D students were admitted. In the reported period, 58 B.Tech, 75 IMT, 49 IMG, 28 M.Tech and 27 MBA students passed out and 9 PhD degrees were awarded.

RESEARCH, SPONSORED PROJECTS, AND EXTENSION

ABV-IIITM Gwalior gives high priority to research and development projects sponsored by national agencies, along with academic research leading to the doctoral degree. The research funding received from MHRD, ICSSR and DST, SERB, etc, has helped in supporting and enhancing academic research and the quality of teaching. This year, there were 10 new projects sanctioned by various funding agencies.

AWARDS & RECOGNITION

The contribution of our graduates to the community has been our strength. The most pleasing experience is that we are being recognized by both international and national agencies for our scientific and social contributions aligned with the vision and mission of the Institute.

- NIRF 2021 ranking of the Institute stood at 106 in "Engineering" and 58 in "Management" category
- ABV-IIITM Gwalior is recognized in the band "PROMISING" under the category "Institute of National Importance & Central Universities/ CFTs (Technical)" in Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.

- ABV-IIIITM Gwalior is one of the 1st Cohorts of 30 Institutions to be supported under chips to startup programmes of the Government of India.
- On behalf of the Institute, Dr Manoj Dash received International Education Pride Award 2022 at Lalit Hotel New Delhi on 29th March 2022. Mr Chunky Pandey (Actor) and the Cabinet Minister of the Government of India were Chief Guests.
- Dr Rajesh Rajagopal was listed in the world's top 2% of scientists by the Stanford University-Elsevier list (2021), with a world ranking of 98 in the subject field, "Operations Research". He is also Ranked #1 among the faculties from the 25 IIITs in India by the Stanford University-Elsevier list (2021).
- Dr Somesh Kumar was awarded Rs 3 Lakh grant for the ATAL FDP by AICTE. He has also been awarded a grant of Rs. 1.5 Lakh for Vartika by SERB, DST, New Delhi.
- Dr Vinal Patel was awarded Rs. 5 Lakh grant for KARYASHALA by SERB, DST, New Delhi.
- Dr Pinku Ranjan was awarded a 5 Lakh grant for the DST-SERB KARYASHALA Scheme
- ABV-IIIITM Gwalior is recognized in the band "PROMISING" under the category "Institute of National Importance & Central Universities/ CFTs (Technical)" in Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.
- Dr Manoj Dash is awarded the "PLATINUM AWARD" for presenting a case study at the CII MILCA AWARDS 2022 during 27-28 & 31 January 2022.

ACKNOWLEDGEMENT

I personally acknowledge the support and encouragement from the Chairman, Shri V K Modi Ji and would also like to record my special thanks to the Members of the Board of Governors. I am grateful to MoE and its officials for their full-fledged support and encouragement of the Institute and its activities. The entire set of activities of the Institute takes place with the whole-hearted participation and support of all the stakeholders - our faculty, students, staff, funding agencies, professionals and experts who assist us in various capacities and our alumni. In particular, I would like to thank office-bearers such as the Registrar, Wardens, Advisor and faculty-in-charge of various committees for their valuable contributions. The annual report committee deserves appreciation for bringing out this annual report.

Prof. Sri Niwas Singh

Director

About ABV-IIITM Gwalior

ABV-IIITM Gwalior is an autonomous Institute of National Importance, established by the Ministry of Human Resource Development, Government of India, in 1997 to nurture information technology (IT) and management education in the country. It strives to become a brand name as a world-class institution. The Institute has the vision to achieve this goal through research and teaching so as to shape students innovative, entrepreneurial, internationally acceptable and confident individuals, thereby playing the role of leaders in various domains at the national as well as International levels. Here, the curriculum has been designed in such a way so as to have both information technology tools and management concepts integrated to create a synergetic approach for rendering techno-economic solutions to the various problems at the local as well as global levels. The Institute awards degrees at Graduate, Master's and Doctorate levels in the field of Computer Science, IT and Management. The doctoral program has been opened to Applied Sciences, Management, IT, CS and Electronics. The Institute is a residential campus that includes specific blocks for administration, academics, a library, a hostel for girls and boys and family quarters for faculty, officers and staff. The whole green campus is built on 150 acres and accommodates competent faculty and state-of-the-art labs. The campus is self-contained with all the basic amenities needed for students, staff and faculty.

In pursuance of the vision of global excellence in the knowledge economy, the Institute's missions are:

- Teaching and research with a focus on emerging technologies, business processes and high-tech solutions in low tech environment;
- Integrating technologies and management in a cross-culture environment;
- Shaping students to be innovative, entrepreneurial, supportive, assured and international.

The Institute believes in a collaborative and entrepreneurial environment, which facilitates people to join together in multiple ways and contribute to nation-building.

Organisation of the Institute

ABV-Indian Institute of Information Technology & Management (ABV-IIITM) Gwalior is an apex Institute set up by the Ministry of HRD, Government of India, established for providing education, research and training in the cusp areas of IT and Management. The primary objectives of the Institute are to:

- ❖ Create an environment of learning and training that enhances knowledge and inculcates a continuous process of self-evaluation;
- ❖ Develop innovative study programs and customized support services in keeping with current demands of the market;
- ❖ Channelize information technology-enabled solutions towards offering business solutions, achieving economic growth and establishing social parity;



- ❖ Undertake outreach activities and extension programmes that contribute to societal needs.

To achieve our objectives, we follow a value-based education system that impinges on:

- ❖ Freedom of thought and expression;
- ❖ Human values and ethical practices;
- ❖ Excellence in learning and research;
- ❖ Creative and interactive teaching;
- ❖ Sustainable livelihood and growth.

The Institute's governance structure consists of the Board of Governors, Finance Committee and Academic Senate. The Institute functions through this governance structure in all aspects of academics, finances and planning for the Institute. The Board of Governors is responsible for overseeing the administrative and business affairs of the Institute, including issues such as tuition policy, the Institute budget & finances and campus buildings. The Academic Senate is responsible for all the activities related to academics at the Institute.

Managing the Institute

The Institute's activities are managed through a Board of Governors (BOG) headed by the Chairman. The BOG provides directions and is assisted by various committees for specific issues of finance, building and works, research, etc. The Academic Senate includes members from inside as well as outside the campus, chaired by the Director of the Institute, who decides the academic policy of the Institute with respect to curriculum, courses and examination results etc. Director is responsible for running the day-to-day affairs of the Institute, strengthening the core facilities, ensuring the smooth running of classes, and providing basic facilities for faculty, staff, students, etc. Director is Chairman of the Building & Works Committee (B&WC) as well as the Academic Senate. All efforts are being made to create an academic-friendly environment in the Institute. The director, in particular, takes care of providing all the necessary facilities, including excellent infrastructure for sports and other recreational activities.

Meetings conducted during the year 2021-22

Meetings of Board of Governors	02
Meetings of Finance Committee	02
Meetings of Senate	01
Meetings of Building Works Committee (BWC)	01

Board of Governors

The present composition of the Board of Governors is as follows:

S. No.	Name	Designation
1.	Shri Deepak Ghaisas, Chairman, BoG, ABV-IIIITM Gwalior	Chairman
2.	Prof Sri Niwas Singh, Director, ABV-IIIITM Gwalior (w.e.f. 08.04.2022)	Member
3.	Mr Prashant Agrawal, Director (IIIT), Room No. 210, "C" Wing, Ministry of Human Resource Development, Shastri Bhavan, New Delhi - 110 015	Member
4.	Mr Jaideep Kumar Mishra, Joint Secretary and Group Coordinator, Ministry of Electronics and Information Technology Room No. 4070, Electronics Niketan, 6, CGO Complex, New Delhi - 110 003	Member
5.	Principal Secretary, Department of Information Technology, M P Govt., Ballabh Bhawan, Bhopal.	Member
6.	Prof Subhasis Chaudhuri, Director, Indian Institute of Technology, Bombay. Powai, Mumbai 400 076	Member
7.	Prof Saibal Chattopadhyay, Director, Indian Institute of Management Calcutta Diamond Harbor Road Joka, Kolkata (Calcutta) - 700104	Member
8.	Prof Anil D Sahasrabudhe, Chairman, All India Council for Technical Education (AICTE) 7th Floor, Chander Lok Building, Janpath, New Delhi-110001	Member

9.	Ms Vidya Natampally Sr. Director – Strategy, Microsoft Research India, 9, Lavelle Road, Bangalore-560 001	Member
10.	Prof Rajendra Sahu Professor, ABV-IIITM Gwalior	Member
11.	Prof Shashikala Tapaswi Professor, ABV-IIITM Gwalior	Member
12.	Mr Pankaj Gupta Registrar (I/c) ABV-IIITM Gwalior	Secretary

Finance Committee

The present composition of the FC is as follows:

S No	Name	Designation
1.	Shri Deepak Ghaisas Chairman, BoG ABV-IIITM Gwalior	Chairman
2.	Director (IIITs) Ministry of Education, Govt. of India, Shastri Bhavan, New Delhi - 110015	Member
3.	Mr. Anil Kumar Director (Finance) Ministry of Education, Govt. of India, New Delhi	Member
4.	Prof. A.K. Mittal (Retd.) B-263, Prohyogiki Plot 11Sector 3, DWARKA DELHI 110078	Member
5.	Prof Sri Niwas Singh Director, ABV-IIITM Gwalior (w.e.f. 08.04.2022)	Member
6.	Prof. J Dhar, Professor, ABV-IIITM Gwalior	Member
7.	Joint Registrar (F&A), ABV- IIITM Gwalior	Member

Building & Works Committee (B&WC)

The present composition of B&WC is given below:

S. No	Name	Designation	Postal Address
1	Prof. Sri Niwas Singh	Director	Director, ABV IIITM Gwalior, Morena Link Road Gwalior, 474015
2	Shri Anil Kumar Jain (Since 10.06.2022)	Special Director General, CPWD (Retd)	Flat No 9-B, Tower X, Meghdutam Apartments, Plot f-21-C, Sector 50 NOIDA (UP) 201301
3	Er. Rajiv Garg (Since 10.06.2022)	Ex. Superintending Engineer	Flat No.201, The promont, A/10 Sarvodaya Nagar, Kanpur -208005
4	Prof. Manish Kumar Goyal (Since 10.06.2022)	Dean Infrastructure and Development, IIT Indore	IIT Indore, Khandwa Road, Indore
5	Prof. Sanjeev Singh (Since 29.07.2022)	Professor, Deptt. of Architecture,	SPA, Bhopal
6	Prof. Aditya Trivedi	Professor-in-Charge Planning & Development, ABV-IIITM Gwalior	ABV IIITM Gwalior, Morena Link Road Gwalior, 474015
7	Mr. Pankaj K Gupta	Registrar Incharge	ABV IIITM Gwalior, Morena Link Road Gwalior, 474015

Academic Senate (2021-22): Members and Invitees

S.No	Name
1.	Prof. Sri Niwas Singh Director & Chairman Senate, ABV-IIIITM Gwalior (w.e.f. 08.04.2022)
2.	Prof. Karmeshu JNU, New Delhi
3.	Prof. Kripa Shanker Ex Professor, IIT Kanpur
4.	Prof. G C Nandi IIIT Allahabad
5.	Shri Kuntal Dey IBM
6.	Dr. Hemant Anand Ex Professor, IIHMR Jaipur
7.	Prof. Satish Chand Professor JNU, New Delhi
8.	Prof. G K Sharma ABV-IIIITM Gwalior
9.	Prof. S Tapaswi ABV-IIIITM Gwalior
10.	Prof. Manisha Pattanaik ABV-IIIITM Gwalior
11.	Prof. Rajendra Sahu ABV-IIIITM Gwalior
12.	Prof. P K Singh ABV-IIIITM Gwalior

S.No	Name
13.	Mr. Pankaj Gupta Registrar (I/c) & Secretary Senate ABV-IIIITM Gwalior
14.	Prof. Joydip Dhar ABV-IIIITM Gwalior
15.	Prof. Manoj Patwardhan ABV-IIIITM Gwalior
16.	Prof. Pankaj Srivastava ABV-IIIITM Gwalior
17.	Prof. Gyan Prakash ABV-IIIITM Gwalior
18.	Prof. Naval Bajpai ABV-IIIITM Gwalior
19.	Prof. Aditya Trivedi ABV-IIIITM Gwalior
20.	Prof. Mahua Bhattacharya ABV-IIIITM Gwalior
21.	Prof. Anurag Srivastava ABV-IIIITM Gwalior
22.	Dr. Gaurav Agrawal , Special Invitee, ABV-IIIITM Gwalior

Institute Infrastructure

Institute has a quality infrastructure in terms of buildings, equipment and other IT facilities, spreading over 150 acres, this includes about 5 acres constructed and the rest of greenland. Some relevant information is briefly detailed in the following subtopics: 24x7 Internet facilities, 24x7 security, 24x7 electricity, Offline and online library: Access to research journals and magazines.

Assets/Building Resources

Boys Hostels	4	Open Air Theater	1
Girls Hostel	1	Auditorium	1
Recreation	1	Convention Center	1
Sports Complex	1	Institute Canteen	1
Bank	1	Post Office	1
MDP Center	1	Visitor Hostel	1

Barrier Free Roads

The Institute is sensitive to the needs of Persons with disabilities (PwD). As a part of our commitment, the Institute has attempted to make the campus as barrier-free roads. The table below exhibits details of provisions for a barrier-free environment for PwD.

Details of provisions for a barrier-free environment for PwD

Name of Building	Ramp	Rail	Toilet
Admin. Building	Yes	Yes	Yes
Deptl. Block A	Yes	Yes	Yes
Block-B (LT.-I)	Yes	Yes	Yes
Block -B (LT II)	Yes	Yes	Yes
Deptl. Block-C	Yes	Yes	Yes
Deptl. Block-D	Yes	Yes	Yes
Deptl. Block -E	Yes	Yes	Yes
Deptl Block-5	Yes	Yes	Yes
Boys Hostel-1	Yes	Yes	Yes
Boys Hostel-2	Yes	Yes	Yes

Boys Hostel-3	Yes	Yes	Yes
Girls Hostel	Yes	Yes	Yes
Cafeteria	Yes	Yes	Yes
Sports Complex	Yes	Yes	Yes
Open Air Theater	Not needed	Not needed	Yes
International Visitors' Hostel	Yes	Yes	Yes
MDP Center	Yes	Yes	Yes
Seminar Hall	Yes (From outside)	Yes	No

Other Available Facilities

In addition to the above-mentioned amenities in campus, Institute also provides other facilities, given below:

- 1) Battery operated, Two Golf Carts for easy movement of visitors and campus residents,
- 2) Wheelchairs in Hostels and in Health Center.

Ramps are available at

- i) Learning Resource Center (LRC)
- ii) ATM
- iii) Entry to Seminar hall
- iv) Dispensary

Institute also provides lifts in the Library Resource Center and in the new academic block.

Network Infrastructure Enhancement during 2021-22

S. No	Work done
1	Renewal of Operation and Management support services at ABV-IIIITM Gwalior through STPI
2	Procurement of Cisco indoor Wi-Fi access points – 60 Nos
3	Procurement and installation of 1 TB SAS HP Server HDDs – 4 Nos
4	Procurement of batteries for 10 KVA UPS – 32 Nos
5	Procurement and installation of 10 KVA online UPS – 01 No
6	Procurement of Wacom Graphics Pen Tablet (qty- 04 Nos.), Portable USB speaker (qty- 07 Nos.), Logitech HD Webcam (qty- 07 Nos.) for faculties to support online classes
7	Renewal of Cisco Webex subscription to support online classes
8	Renewal of 30 Mbps Leased line link (1:1) from Railtel

Academic Programmes

A good academic environment prevails in this Institute that encourages learning at every level. A more interactive and analytical teaching method is pursued instead of conventional processes. At the Institute, the teaching methods encourage learners to think and act more proactively and take up even the most challenging assignments with confidence. Students in this Institute not only have the best faculty to guide them in their academic endeavours but also are provided with the best infrastructure in the form of the latest-generation equipment and an all-facility campus.

Academic programmes are not compartmentalized at ABV-IIIITM Gwalior. Here, students pursuing M Tech are offered lessons in management; while those studying MBA are provided adequate teachings in the use and applications of information technology. Student assessment is a continuous process that involves home assignments, classroom tests, laboratory tasks, presentations, projects, and quizzes. The principal idea behind such an approach is to make students self-reliant and confident to face challenging situations.

B Tech (CSE)

A four years Bachelor in Technology degree course in the Computer Science Branch has been started in July 2017. The last batch was admitted with an intake of 74 students.

Integrated Post Graduate (IPG)

Since 2008, Institute has started a 5-year integrated postgraduate program to offer a synchronized curriculum covering facets of IT and Management. Keeping in line with market demand and societal needs, it is essential to groom professionals capable of handling the challenges that have emerged in the last few years and various unresolved problems of the community and can be solved through IT enabled products and services. This course has been particularly designed to address the situations that demand a comprehensive solution synchronizing management and IT. Candidates, after successful completion of this course, are expected to tackle specific requirements in resource optimization and integration of existing and new technologies. This is a 5-year or 10 semester course IPG-MT (Information Technology); IPG-MBA, where the first 6-semesters cover the B.Tech. curriculum, while the remaining 4 semesters could be focused on either MTech or MBA. Candidates opting for MTech are entitled to stipends.

Admissions

The admission to BTech (CSE), IPG-MBA and IPG-MTech programmes are through CSAB (Central Seat Allocation Board) counseling. The closing Ranks of JEE (mains) for the last three years for General candidates is shown in the table below:



Year	Closing Rank for General Candidates	Year	Closing Rank for General Candidates	Year	Closing Rank for General Candidates
2019	IMG – 29426 IMT – 26683 BCS – 15255	2020	IMG – 27777 IMT – 22247 BCS – 12477	2021	IMG – 25433 IMT – 18301 BCS – 12237

Post Graduate – M Tech (Master in Technology)

This is a 4-semester program ideally completed in two years leading to an M.Tech. degree in Computer Science and Engineering. The objective of this postgraduate course is to create experts and professionals in information technology with a view on developing skills that are able to match the demands of the complexities of the present generation in the IT industry. Under present circumstances, it is essential to have technologies that are sharp and purposeful. The M Tech program is aimed at developing experts with foci on technical capabilities and managerial abilities.

The M.Tech. program has areas of specialization, like, Digital Communication, Computer Networks, Very Large Scale Integration and Information Security. The first two semesters are dedicated to coursework, while the remaining two semesters are meant for research-based projects/dissertations.

M Tech Admissions

The admissions are through the merit of GATE score, followed by written and/or personal interview.

Post Graduate – MBA (Master of Business Administration)

This is a 4-semester program leading to an MBA degree. The course has been designed keeping in mind the requirements of present-day business trends and industrial outlook. The objective of the program is to create innovative professionals for functional areas like marketing, finance, human resources, and business operations. Current generation applications include SCM (Supply Chain Management), ERP (Enterprise Resource Planning), CRM (Customer Relationship Management), and e-Commerce. Students are selected through valid CAT/MAT/CMAT scores followed by group discussion and personal interview.

Doctoral Program – PhD

Every year, ABV-IIIITM Gwalior awards an impressive range of doctoral degrees—the most advanced and prestigious degrees that universities confer. The doctoral program gives students unparalleled expertise in the related area of research. Candidates work under the supervision of distinguished faculty of campus, learning side by side with varied and accomplished scholars. The Institute offers doctoral programs in areas of Applied Science, Electronics, IT and management. Though, there is no time restriction for doctoral programs, mostly it gets completed within 3-5 years. Candidates pursuing PhD programs are entitled to stipends depending on



norms set by MHRD (Ministry of Human Resources Development) and subject to fulfillment of academic prerequisites by the Institute from time to time. Students for this program are selected through written test, presentation, and personal interview conducted by the Institute based on best practices followed for admissions. The admission process is transparent, and objective.

PhD Admissions

The admission is based on the performance of the student in written test and personal interaction, presentation of any potential area of research, in his/her proposed area. An expert committee involving faculty from the Institute and faculty drawn from IITs/IIMs, is constituted for the selection process. Admissions are done twice a year (as in IITs). The following is the relevant statistics of last three admission process:

Academic Year	Applications Received	Number of Candidates Shortlisted	Number of Candidates Selected
2019-20	70	64	5
2020-21	224	93	24
2021-22	94	96	13

Award of Doctoral Degree (during the year 2021-22)

S. No.	Name of Ph.D. Scholar	Supervisor(s)	Thesis Title	Viva-Voce held on
1	Ravi Shanker	Prof. M. Bhattacharya	Development of Computer Assisted Diagnostic System for Detection and Classification of Space Occupying Lesion in Brain using Multimodal Medical Imaging	07.09.2021
2	Nitin Kumar Mishra	Prof. P.K. Singh	Multi-Label Classification: Performance Improvement Using Interdependence of Labels, Dimensionality Reduction and Handling of Imbalanced Labels	10.01.2022
3	Surendra Nagar	Prof. P.K. Singh Dr. Ajay Kumar	Design and Development of Super-Resolution Algorithms to Enhance the Quality of Noisy Low-Resolution Facial Images	27.01.2022
4	Mukta Sharma	Prof. M. Bhattacharya	Development of Image Processing and Machine Learning Based Techniques for Microscopic Cell Image Analysis	21.02.2022

S. No.	Name of Ph.D. Scholar	Supervisor(s)	Thesis Title	Viva-Voce held on
5	Ankush Jain	Prof. P.K. Singh Prof. J. Dhar	Design and Development of Recommendation Systems Using Multi-Objective Item Evaluation and Multiple Prediction Strategies with Contextual User Similarities	23.02.2022
6	Amit Kumar	Prof. M. Pattanaik Prof. P. Srivastava	Low Drain Induced Barrier Lowering GAAFET for Digital Integrated Circuits	21.03.2022
7	Sapna	Prof. A. Trivedi Dr. K.K. Pattanaik	Design and Analysis of Coordination Protocols in Wireless Sensor and Actuator Networks	31.03.2022
8	Deependra Singh	Prof. N. Bajpai	An Analytical Study for the Factors Underlying Customer's Brand Love Leading to their Purchase Intention for Hypermarket Brands Using Multivariate Techniques	08.04.2022
9	Pankaj	Dr. Gaurav Agrawal	Analyzing Barriers of Weather Index Insurance Adoption and Designing Customer Centric Insurance Service Blueprint using Fuzzy-ISM and Quality Function Deployment	02.06.2022
10	Gaurvendra Singh	Prof. R. Sahu Dr. Yash Daultani	Issues and Challenges in the Food Supply Chain : A Case of India	24.06.2022

Admissions 2021-22 / Students' Strength

Year	Course	Duration	General		OBC		SC		ST		PH		EWS		Total
			Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
2021	B.Tech	4 Years	22	7	15	3	8	2	4	1	1	0	5	1	69
2021	IMT	5 Years	34	14	24	6	14	3	7	1	3	0	8	1	115
2021	IPG IMG	5 Years	20	7	15	3	9	2	4	1	1	0	5	1	68
2021	M Tech	2 Years	15	2	4	1	2	1	0	0	0	0	3	2	30
2021	MBA	2 Years	4	0	0	0	0	0	0	0	0	0	1	1	06
2021	Ph D	-	07	02	02	02	00	01	00	00	00	00	00	00	14

Students Admitted in 2021-22	
PhD	14
M Tech	30
MBA	06
IPG-MTech	115
IPG-MBA	68
B Tech (CSE)	69
Total	302

Total Students in 2021-22	
PhD	41
M Tech	67
MBA	33
IPG	793
B Tech (CSE)	251
Total	1185

Scholarships to the Students (2021-2022)

The Institute follows the guideline issued by MoE, GoI for a monthly payment of financial assistantship to the students enrolled in Post Graduate and PhD programmes.

Duration: Masters level Rs. 12400 for 2 Years, PhD level Rs. 31000 First 2 Years and Rs. 35000 for the remaining 3 Years. The assistantship was disbursed to the following number of students:

S. No	Programme	Number of students getting assistantship
1	IPG 5th Year	50
2	M Tech (2020-21)	30
3	M Tech (2021-22)	26
4	PhD	38

In addition to above, tables below provide information pertaining to merit-cum-means scholarship disbursed during the year 2021-22 and details of state scholarship for the period 2021-22.

Merit-cum-Means Scholarship Disbursed during the Year 2021-22

S.No.	Name of Students (IPG-Batch)	Student Roll Number
1	Devansh Sengar	2021BCS-023
2	Hari Om Sharma	2021BCS-029
3	Bankuru Guna Sagar	2021BCS-018
4	Siddharth Goyal	2021IMT-098
5	Yash Nigam	2021IMT-115
6	Gajavalli Leela Venkata Saradhara Kiriti	2021IMT-035
7	Vennapusa Ramana Reddy	2021IMT-110
8	Lishman Ram	2021IMT-060
9	Ankit Kumar Singh	2021IMT-012
10	Aakarshit Doda	2021IMG-001
11	Ankur Agnihotri	2021IMG-008
12	Prateek Goyal	2021IMG-041
13	Rishikesh Kumar Singh	2021IMG-069

Details of State (Madhya Pradesh) Scholarship for the Year 2021-22

S. No.	Name of Student	Roll Number	Scholarship
1	Ashish Dadoriya	2017IMG-13	Post Matric Scholarship
4	Nikhil Choudhary	2018IMT-058	Post Matric Scholarship
5	Jatin Kasera	2018IMT-042	Post Matric Scholarship
6	Avi Kumrawat	2019IMT-025	Post Matric Scholarship

In addition to the above list, students have also availed scholarships from Central Government under NSP and other State Government Scholarships like MMMVY of MP Government as per the extant rules.

Training & Placement

The placement session for the batch 2021-22 was commenced in August 2021. In the session 2021-22, during the summer internship, the work of our students in various organizations was highly appreciated. This year approximately 11.32% of the students received “Pre-Placement Offers (PPOs)” by eminent companies viz: META(Facebook), Stripe, Google, Mercari Inc Japan, Intuit, IBM-IRL, Groww, SRI-Bangalore, BNY, Optum, EarlySalary, Myntra, Walmart, Lowes India, Goldman Sach, Infosys, Innovacer.

During the session 2021-22, apart from the regular recruiters, many new organizations expressed their interest in hiring students for full time employment. A total of 88 companies visited the Institute for placements of B.Tech, Dual Degree M.Tech and MBA batches. The highest package bagged by a student of this batch was 195.00 LPA and the overall average package of this batch including all the courses was 22.19 LPA. Total 217 students appeared for campus placement process and 306 offers were received by the students. Students also participated in many National and International coding challenges viz: ACM ICPC World Finals, Google Summer of Code (GSOC), CodeVita, HackWithInfy etc and were amongst the finalists of these coding challenges. Some of the students did not take part in the corporate placement process as they were keen on making their careers in the fields of Academics/ Civil Services/ PSUs. A brief report of the companies that visited the Institute are as follows.

Regular Recruiters: Amazon, Microsoft, Dell R & D, Directi, MindTickle, TCS, Infosys, HCL, The Smart Cube, IBM, Samsung R&D, Samsung SDS, Triology Innovation, Nagarro, PWC (US), ZS Associates, GoJek, Oracle, Aganitha, EarlySalary, Toppr, Quetzal, Atria, Yamaha, Ericsson R & D, Optum (UHG), Free Charge, Reliance Jio, Rakuten, ShareChat, American Express, Deloitte, IndiaMart Intermesh, Paytm, Publicis Sapien, TCS, Infosys, Zycus, Quantiphi, Intuit YugaByte, Commvault Systems CVLT, K-Fintech, Accenture, Codeyoung, VMware, NI(National Instruments), Nutanix, Media.net, Turtlemint, ESAF Bank, D.E.Shaw, Sifive, Bizongo, OneShot.AI, Synopsys, Grab-India, Homelane.

First-time Recruiters: Amazon Luxembourg, Mercari Inc Japan, Shopsy.io, PayU, Atlassian India LLP, ZETA Suite (Direct-i), Lambdatest, ZEOTAP, CRED, Blotout Inc, Anarock Tech, Paytm, CERN, ClearTax, Moengage, Housing.com, PeopleGrove, Kellton Tech, Optym

S.No.	Course	Total no. of students	Eligible students Placed	Placement % of Eligible students
1	BCS	60	54	90 %
2	IMT	88	80	91 %
3	IMG	54	42	78 %
4	PG-M.Tech	40	30	75 %
5	PG-MBA	14	11	79 %

Few of these students are having more than one offer with them. In few of the cases students initially got lower packages and gradually fetched higher packages. Additionally, 175 students of the institute completed summer training in various reputed companies like Google, Facebook etc. The more detailed placement statistics is given below:

S. No.	Courses offered	Duration	Students Placed	Highest CTC (In LPA)	Average CTC (In LPA)
1.	B.Tech. (CS)	4 Years	54	195.00	24.85
2.	B.Tech.+M.Tech.	5 Years	80	100.20	23.26
3.	B.Tech.+MBA	5 Years	42	45.00	18.85
4.	PG M.Tech.	2 Years	29	45.00	14.00
5.	PG MBA	2 Years	11	11.00	7.50



Career Development and Placement Cell

Atal Bihari Vajpayee-
Indian Institute of Information Technology and Management, Gwalior (M.P.)

Wall of fame - 2022

Top Achievers (40+LPA)



Shivansh Srivastava, META



Poorva Khandare, Amazon



Abhishek Garain, Amazon



Prakarsh Pathak, Amazon



Prashant Rawat, Amazon



Guna Shekar Proddaturi, Stripe



Piyush Raikwar, CERN



Keshav Gupta, Google



Miriyala Saikalyan, Google



Aditi Singh, Google



Anuj Ashok Kumar Singh, Google



Gokul Raj, Google



Sania Arora, Google



Ujjwal sharma, Google



Priyansh Gaharana, Google



Kshitij Jain, Google



Umanga Kumawat, Google



Vaibhav Jain, Mercari



M N S Nishidha Sri, Mercari



Himanshi Kalra, Google



Abhishek Pratap Singh, Google



Pasnoori Nymika, Microsoft



Ashish Kirti Singh, Microsoft



Aditya Shankar Mishra, Microsoft



Tarun Dixit, Amazon



Avanish Pandey, Amazon



Anjan Srihari, Amazon



Pranay Kumar, Amazon



Aryan Bhardwaj, Amazon



Shivam Maheshwary, Amazon



Simran Kureel, Amazon



Prem Kumar, Timescale



Jagadeesh Suggula, CRED



Kalp Varshney, Slice



Guramritpal Singh Saggi, Slice

Visitors to the Institute for the year 2021-22

- Due to Covid 19 pandemic, most of the events of the Institute were organized in online mode and the guests/experts attended the events in online mode, details are as under:

S.No.	Name of Visitor	Particular	Date of Visit
01	B.Satyanarayana, TIFR Mumbai	IBSSC conference	18.11.2021 to 20.11.2021
02	Prof. Saurabh Mehta, VIT Mumbai	IBSSC conference	18.11.2021 to 20.11.2021
03	Abhay Pansikar	IBSSC conference	18.11.2021 to 20.11.2021
04	Dr. Vinit Kotak, Mumbai	IBSSC conference	18.11.2021 to 20.11.2021
05	Dr. Mini Rajiv, Mumbai	IBSSC conference	18.11.2021 to 21.11.2021
06	Dr. Anand Sharma, MNNIT, Allahabad	IBSSC conference	19.11.2021
07	Dr. Nitin S Kale, Nanosniff	IBSSC conference	18.11.2021 to 20.11.2021
08	Dr. Amiya Tripathy, DBIT, Mumbai	IBSSC conference	18.11.2021 to 20.11.2021

- Prof Fire Tomohisa Wada and Prof Takeo Okazaki from the University of the Ryukyus, Japan, visited our Institute campus from the Department of Computer Science and Engineering. The University of the Ryukyus, Japan have agreed on various opportunities for joint projects and student exchange between ABV-IIITM, Gwalior, and the University of the Ryukyus.



Faculty Areas of Research, Development and Extension

The faculty members at ABV-IIITM Gwalior are committed teachers and leading researchers in their domain of research. The faculty members have a shared spirit, reflected in both researches and in the classroom. With an adequate student body and warm community, ABV-IIITM Gwalior students get unparalleled access to this knowledge. Faculty members are known for their conduct of FDPs/MDPs and workshops/ conferences across the country. They have published their work in high-impact journals of international repute. They have also authored a number of books in their areas of expertise with recognised publishers. The following table is the indicative research interests of the faculty members.



S.No.	BroadArea	Themes
1	Nano Science & Technology	Material and Device Modeling. Sensor Design for Air, and water pollution, and biomarker detection. Nano-Electronics. Spintronics. Nano-CMOS. Nano-FET EMS. EMS. Nano-Risk Management
2	Signal & Image Processing	Digital Signal processing. Digital Filter Design. Speech Processing. Digital & Wireless Communication. CDMA Systems. AI. Bio-medicalImage Processing
3	Network & Information Security	Operating Systems. Computer networking. Network Security. Network Management. Wireless Adhoc Networks. Data Security. Multimedia Security. Wireless network security. Cryptography. Quantum Cryptography. Applications of Biometrics in Security
4	Computing	Soft Computing. Quantum computing & Information. Distributed and Computing and Optimization Techniques. Gridcomputing. Parallel computing. Mobile Computing. Data Mining. Bio-informatics. Reliability. Multi-objective Optimization. Computational Physics. Computational Biology
5	Intelligent System Design	Artificial Intelligence, Robotics, Neural Networks Fuzzy and Genetic Systems, Nature Inspired Approaches, IT in Robotics, Evolutionary Computing
6	Modeling & Simulation	Financial Modeling. Time Series Analysis. Pattern Formation in the Biological System. Material &Device Modeling. Innovation & Diffusion in Marketing Model, Environmental Modeling. System Reliability
7	Marketing	Customer Relationship Management. Brand Management. Service Management. New Product Development. Neuro-Marketing. Social Marketing
8	Finance	Analysis of Financial Systems. Financial Risk Management. Stock Market Analysis. Econometric Analysis
9	Operations	Supply chain management. Technology Management. Total QualityManagement.Service Operations Management. Operations Management
10	IT & Systems	Business Process Management. Enterprise Systems. Software Project Management. Analysis and Design of Information Systems .E-Business. Modeling andSimulation of Business Systems.

S.No.	BroadArea	Themes
11	Governance & Management	E-Governance. Public Private Partnerships. Public Policy Analysis. Development Management. Non-for-profit Management
12	Human Resource Management	Training & Development. Performance Appraisal. Compensation. Talent Management. Consumer Behavior
13	Organizational Behavior	Behavioral Application of Organizationtheory to study Institutional Reforms Leadership. Entrepreneurship. Motivation
14	IT Enabled Products & Services	E-Education. E-Governance. E-Health. E- Tourism. E- Business. IT Localization
15	Theory of Reliability	Software Reliability. Fault Detection. Life testing. Reliability Growth Modeling. Industrial Reliability. Reliability of Robotic Systems. Fuzzy Logic. Soft computing



List of Faculty and their Expertise

Prof G K Sharma

Ph D (Uni.of Roorkee,now IIT-Roorkee)

Professor

Areas of Interest: Energy-Aware Computing, Approximate Computing, System-on-Chip (SoC) Architectures



Prof Rajendra Sahu

Ph D (IIT-Kharagpur)

Professor

Areas of Interest: ERP, Supply Chain Management, Knowledge Management, E-Governance, System Analysis & Design, Modeling and Simulation, Cost Accounting



Prof Shashikala Tapaswi

Ph D (IIT-Roorkee)

Professor

Areas of Interest: Image & Video Processing, Mobile Network, Adhoc Network



Prof Anupam Shukla(On Lien as Director, IIIT Pune)

Ph D (NIT-Raipur)

Professor

Areas of Interest: Soft Computing, AI, Speech Processing, Biomedical and Bioinformatics



Prof Aditya Trivedi

Ph D (IIT-Roorkee)

Professor

Areas of Interest: Digital Communication, Adaptive Signal Processing



Prof Mahua Bhattacharya

Ph D (Calcutta University)

Professor

Areas of Interest: Medical Image Processing, Soft Computing, Pattern Recognition, Artificial Intelligence



Prof K Varya

Ph D (IIT-Kanpur)

Professor

Areas of Interest: Image Processing, Biometrics, Information Security, Wireless Adhoc Networks, Secure Image Transmission



Prof P K Singh

Ph D (IIT-Kharagpur)

Professor

Areas of Interest: Soft Computing, Multi-/Many-Objective Optimization, Data Mining, Computer Networks, Wireless and Sensor Networks



Prof Anurag Srivastava

Ph D (Barkatullah University, Bhopal); PDF (Uppsala University, Sweden)

Professor

Areas of Interest: Computational Materials Science, Nano- Electronics (Device Modeling), Air and Water Pollution Sensors, Energy Devices (Supercapacitors and Battery), Waste Management IT Product and Services, E-Governance, IT Applications



Prof Manoj Patwardhan

PhD (Jiwaji University)

Professor

Areas of Interest: Human Resource Management, Change Management, Organizational Behavior, Leadership & Talent Management



Prof Joydeep Dhar

Ph D (IIT-Kanpur)

Professor

Areas of Interest: Industrial Mathematics: Mathematical Modeling and Simulation in Environmental, EMS, Management systems: Financial Mathematics and Fuzzy logic Applications



Prof Naval Bajpai

Ph D (Pt. Ravishankar Shukla University, Raipur)

Professor

Areas of Interest: Business Statistics, Business Research Methods, Multivariate Analysis, Marketing Research & Organizational Behavior



Prof Pankaj Srivastava

Ph D (Allahabad University)

Professor

Areas of Interest: Theoretical Condensed Matter Physics, Computational Nanoscience, Quantum Computing, Nanoelectronics, VLSI.



Prof Manisha Pattanaik

Ph D (IIT Kharagpur)

Professor

Areas of Interest: CMOS, Device/Circuits/System Co-Design, Characterization and Design of Low Power Logic and Memory



Prof Gyan Prakash

Ph D (IIT- Kanpur)

Areas of Interest: Supply Chain Management, Service Quality, Management Information System, Business Analysis and Intelligence, Public Systems: e-Governance, Health and Environment



Dr Ritu Tiwari (On Lien)

Ph D (NIT Raipur)

Associate Professor

Areas of Interest: Robotics, Artificial Intelligence, Soft Computing and Applications



Dr Gaurav Agrawal

Ph D (Bundelkhand University, Jhansi)

Associate Professor

Areas of Interest: Financial Economics, International Finance, Monetary Economics, Investment Management.



Dr Ajay Kumar

Ph D (IIT Roorkee)

Associate Professor

Areas of Interest: Reliability, Statistics, Fuzzy Sets and Fuzzy Logic, Optimization, and Soft Computing



Dr K K Pattanaik

Ph D in Engineering (BIT-Mesra)
Associate Professor
Areas of Interest: Grid Computing, Mobile Computing,
Multi Agent Systems



Dr Manoj Kumar Dash (On Lien)

Ph D (Berhampur University, Orissa)
Assistant Professor (Grade-I)
Areas of Interest: Marketing Science, Econometrics Modeling in Marketing, Marketing Analytics, Marketing Research, Consumer Behaviour



Dr Vinay Singh

Ph D (IIT Kanpur)
Assistant Professor (Grade-I)
Areas of Interest: Agile and Strategic Approach in Business Management, IT for Business, ERP System, MIS, ITES, Software Project Management, Innovation and Entrepreneurship, Data Mining and Knowledge Management



Dr Vishal Vyas

Ph D (Vikram University, Ujjain)
Assistant Professor (Grade-I)
Areas of Interest: Financial Risk Management, Behavioural Finance, Project Feasibility and Finance, Derivatives, Portfolio Management and Investment Analysis



Dr W Wilfred Godfrey

PhD (IIT, Guwahati)
Assistant Professor (Grade-I)
Areas of Interest: Artificial Intelligence-Robotics, Soft Computing, Multi-Agent Systems, Machine Learning



Dr Anuraj Singh

Ph D (IIT-Roorkee)
Assistant Professor (Grade-I)
Areas of Interest: Mathematical Modeling, Nonlinear Dynamical Systems, Computational Biology, Control Theory



Dr Saumya Bhadauria

Ph D (IIT-Indore)

Assistant Professor (Grade-II)

Areas of Interest: Computer Organization and Architecture, Information security, Network security, Optimization Techniques



Dr. Gaurav Kaushal

PhD (IIT, Roorkee)

Assistant Professor (Grade-II)

Areas of Interest: VLSI



Dr. Jeevaraj S

Ph.D. (NIT Tiruchirappalli)

Assistant Professor (Grade-II)

Areas of Interest: Fuzzy Mathematics



Dr. Arun Kumar

Ph.D. (ABV-IIIITM Gwalior)

Assistant Professor (Grade-II)

Areas of Interest: Marketing



Dr. Somesh Kumar

PhD (IIT Ropar)

Assistant Professor (Grade-II)

Areas of Interest: VLSI Design & CAD



Dr. Sunil Kumar

Ph.D. (IIT Guwahati)

Assistant Professor (Grade-II)

Areas of Interest:



Dr. Binod Prasad
 Ph.D. (NIT Durgapur)
 Assistant Professor (Grade-II)
 Areas of Interest:



Dr. Debanjan Sadhya
 Ph.D. (IIT-BHU)
 Assistant Professor (Grade-II)
 Areas of Interest:



Dr. Vinal Patel
 Ph.D. (IIT Gandhinagar)
 Assistant Professor Grade-II
 Areas of Interest: Signal Processing



Dr. Santosh Singh Rathore
 Ph.D. (IIT Roorkee)
 Assistant Professor (Grade-II)
 Areas of Interest: Computer Science/ Software Engineering



Dr. Pinku Ranjan
 Ph.D. IIT (ISM), Dhanbad
 Assistant Professor (Grade-II)
 Areas of Interest: Electrical / Electronics



Dr. Rajesh Rajagopal
 PhD (IISST Thiruvananthapuram)
 Post-Doc (IIT Madras)
 Assistant Professor (Grade-II)
 Areas of Interest: Operations Management



Adjunct Faculty

Prof V S R Krishnaiah
Director (NIC)
New Delhi

Prof H M Gupta
Ex. Professor,
IIT Delhi

Dr Manish Gupta,
Adjunct faculty,
IIIT Bangalore

Prof Prem Pyara
Ex-Dean,
Dayalbagh University

Prof N K Sharma
Ex. Professor,
IIT Kanpur

Prof G S Singh
Ex. Professor
IIT Roorkee

Dr A K Singh
Ex-Commissioner
IRS Chennai

ADMINISTRATIVE OFFICERS

GROUP "A" OFFICERS

Shri Pankaj Gupta
M.Com, MBA
Registrar (I/C)



Shri D.P. Singh
MBA, MA, LLB.
Joint Registrar (on Leave)



Shri Anil Garg
M.Com, MBA, LLB
Assistant Registrar



Shri Sandeep Upadhyay
MBA
Assistant Registrar



Faculty & Officer, who were on Lien/Deputation/Repatriation during the year 2021-22

- Prof. Anupam Shukla as Director IIIT Pune w.ef. from 13.08.2018
- Mr D P Singh was relieved from ABV-IIIITM Gwalior to join AIIMS Bhopal as Deputy Director (Admn.) w.e.f 21.09.2020.
- Dr. Ritu Tiwari, Associate Professor, ABV-IIIITM Gwalior is on lien w.e.f. 25/07/2019 to serve as Professor at IIIT Pune.

Faculty/Officer, who resigned/left the Institute during the year 2021-22: Nil

Faculty/officer/staff retired during 2021-22

- Shri DK Dwivedi, Security officer retired on 31/10/2021 after attaining the age of retirement.

Officers and Staff

Table below details name of the staff members and their designation:

S.No.	Name of Employee	Designation
1	Mr Pankaj Kumar Gupta	Registrar (I/c)
2	Mr Pankaj Kumar Gupta	Joint Registrar
3	Mr D P Singh	Joint Registrar
4	Mr Anil Kumar Garg	Assistant Registrar
5	Mr. Sandeep Upadhyay	Assistant Registrar
6	Mr Dinesh Kr. Dwivedi	Security Officer
7	Dr. Ekta Sakwar	Junior Superintendent
8	Mr Virendra Kumar Joshi	Junior Superintendent
9	Mr Sanjay Kumar Soni	Junior Superintendent
10	Dr J P Sharma	Junior Superintendent (PS to Director)
11	Mr Vijay Kr. Dwivedi	Junior Superintendent
12	Mr Narendra Singh Tomar	Junior Superintendent
13	Ms Deepa Singh Sisodiya	Senior Technician
14	Mr Trepan Singh Koundal	Cashier
15	Mr Hemant Pratap Verma	Senior Technician
16	Mr Lokendra Singh Mavai	Senior Technician
17	Mr Mahesh Singh Dhakad	Senior Technician
18	Mr.Rampal Singh Kushwah	Senior Technician
19	Mr Alok Singh Jadon	Senior Technician
20	Mr. Narendra P S Chauhan	Senior Technician

Conferences/Symposiums/ FDPs/MDP/Short Term Training Programmes Conducted during the year 2021-22

S. No.	Date	Title	Coordinator	No. of Participants
01	January 15-19, 2022	Workshop on Enterprise Healthcare Systems & Solutions (Online mode)	Prof Rajendra Sahu, Dr Manoj Dash, Dr Vinal Patel and Dr Santosh Singh Rathore	149
02	February, 05-09, 2022	Workshop on Enterprise Application Development, Reliability, and Security (online mode)	Prof Rajendra Sahu, Dr Manoj Dash, Dr Santosh Singh Rathore and Dr Vinal Patel	105
03	January 29-February 02, 2022	Innovation in Design and Development of Hybrid Antennas for 5G Communication (Online mode)	Prof Rajendra Sahu, Dr Manoj Dash, Dr Pinku Ranjan	125
04	February 14-18, 2022	Workshop on Security and Privacy issues in IoT (Online mode)	Prof Rajendra Sahu, Dr Manoj Dash, Dr. Debanjan	65
05	March 24-28, 2022	Workshop on Business Plan Preparation	Prof Rajendra Sahu, Dr Manoj Dash, Dr Vishal vyas	48
06	October 4-8, 2021	ATAL-FDP on Quantum Computing at ABV-IIIITM Gwalior	Prof. Pankaj Srivastava	45
07	February 12-16, 2022	Workshop on Innovations in IoT for Emerging Applications	Dr. Debanjan Sadhya and Dr. Binod Prasad	110(ONLINE MODE)
08	July 05-09, 2021	AICTE Training and Learning (ATAL) FDP Co-coordinator on Deep Learning online	Prof. Aditya Trivedi	Around 100
09	March 11-12, 2022	Conducted a workshop (Physical mode) 11-12 March, 2022 under DST SERB Project Domestic and Industrial Monitoring and Control using Decentralized Cyber Physical Systems	Prof. Aditya Trivedi	15
10	October 9, 2021	Pre-Conference (MPVS-2021) on ChipDesign, Fabrication and Testing Facilities in Fabless & Fab Semiconductor Ecosystem in MP	Prof. Anurag Srivastava	150
11	April 18-24, 2022	Karyashala on Recent trends in VLSI Devices, Circuits and Applications sponsored by SERB, NEW Delhi.	Dr Somesh Kumar	30

Workshop/Conferences/Symposiums attended by Faculty Member during Year 2021-22

Name	W/C/S	Int./Nat.	Title	Date	Place
3rd IEEE BOMBAY Section Signature Conference (IBSSC-2021) organized in the Institute	IEEE conference	Intl.	3rd IEEE BOMBAY Section Signature Conference (IBSSC-2021),	November 18-20, 2021	ABV-IIIITM Gwalior

Workshop/Conference/Training Programs (Online/Offline) attended by the Non-faculty Officers and Staff during 2021-22:

S. No.	Name of officer /Staff	Purpose / Topic	Duration	Period		Organized by / Place
				From	To	
1.	Mr. Sandeep Upadhyay	Procurement Through GeM/Registration on GeM/Modify existing User like transfer of role etc.	3:00 PM Onwards	19-1-22	19-1-22	Online Mode
2.	Narendra Pratap Singh Chauhan					
3.	Mr. Lokendra Mavai					

Events/ Activities and Orientation Programme organized through LRC 2021-22

S.No.	Date	Name of Events	Coordinator/Organizer
01	April 30, 2021, 12:00 PM Onwards	IEEE Live Webinar: Inspiring Innovation at "ABV-IIIITM Gwalior" with IEEE Xplore	Through LRC: M/s EBSCO Information Services India Pvt. Ltd
02	December 13, 2021, 03:00 PM Onwards	Webinar on "Effective writing skills for promoting research - what do we need to know?"	Through LRC: M/s ELSEVIER, Gurgaon
03	January 3, 2022, 03:00 PM Onwards	Webinar - Grammarly Training – ABV-IIIITM Gwalior	Through LRC: M/s Bridge People Technology Solutions Pvt. Ltd., Bangalore

Events of Institute (2021-2022)

Independence Day, August 15, 2021



MoU with RFRF held on October 3, 2021



Plantation in the Institute



3rd IEEE Bombay Section Signature Conference, November 18-20, 2021



Republic Day Celebration, January 26, 2022



Independence Day

The independence day was celebrated at the Institute on August 15, 2021, in hybrid mode as per the guidelines of MHA. Faculty members and staff of the Institute have joined the celebration in offline mode and students have joined in online mode.

Rashtriya Ekta Diwas

The birthday of Sardar Vallabhbhai Patel, is celebrated as Rashtriya Ekta Diwas (National Unity Day) every year. ABV-IIIITM Gwalior proudly celebrated the same on October 31, 2021.

Vigilance Awareness Week

“Vigilance Awareness Week” was observed from October 28 to November 02, 2021, A Pledge on Vigilance Awareness was organised and was attended by students, staff and faculty of the Institute.

National Education Day

Government of India passed a resolution dated September 11, 2008, to declare November 11, the Birth Anniversary of Shri MaulanaAbul Kalam Azad, the great freedom fighter, eminent educationist and the first Union Minister of Education, as the National Education Day. On this auspicious day, our Institute ABV-IIIITM Gwalior has organised interactive programs like Essay writing, Slogan writing competitions, rallies etc.

MoU with RFRF

MoU signing ceremony with Research For Resurgence Foundation, Nagpur, was held on October 3, 2021, at 11:00 AM at the MDP Center of the Institute.

Constitution Day

ABV-IIIITM Gwalior celebrated "Constitution Day" on November 26, 2021. Faculty members, Staff and Students have participated in the Preamble-reading followed by a live speech screening on Constitution Day.

73rd Republic Day Celebrations

The 73rd republic day was celebrated at the Institute on January 26, 2022, in hybrid mode as per the guidelines of MHA.

Faculty members and staff of the Institute joined the celebration in offline mode and students joined in online mode.



Joining of Prof. S.N. Singh as Director, ABV-IIIITM Gwalior

Prof S N Singh from IIT Kanpur joined the Institute as Director on 8th April 2022. He is a Professor (HAG) at the Department of Electrical Engineering, Indian Institute of Technology Kanpur. He was Vice Chancellor of Madan Mohan Malviya University of Technology Gorakhpur from April 2017 to July 2020. Dr Singh received several awards, including the Young Engineer Award 2000 of the Indian National Academy of Engineering (INAE), the Khosla Research Award of IIT Roorkee, and the Young Engineer Award of CBIP, New Delhi (India), 1996. Prof Singh received the Humboldt Fellowship of Germany (2005, 2007) and the



Ottomonsted Fellowship of Denmark (2009-10). Prof Singh became the first Asian to receive the 2013 IEEE Educational Activity Board Meritorious Achievement Award in Continuing Education. On 12 April 2022, Prof Sri Niwas Singh, Director, ABV-IIIITM Gwalior, was conferred the 2021 MGA Achievement Award to honour his outstanding contributions to numerous IEEE activities and carry forward the goals and objectives of the IEEE MGA Board.

Karyashala

One week Karyashala, sponsored by SERB India, was conducted on recent trends in VLSI Devices, Circuits and Applications. Dr Somesh Kumar was the coordinator of the said Karyashala, which was organized from 18 April 2022 – 24 April 2022.



World Environment Day Celebrations

On the occasion of World Environment Day on June 5, 2022, the Institute Director, faculty and staff members have planted 100 different spellings in line with the theme "Only One Earth" near to Visitors' Hostel and Satpura Hostel in Pocket-B.



Farewell event

Career Development and Placement Cell of the Institute organized a farewell event for the 2022 passing out batches on 14th May 2022 in the Institute auditorium.



Orientation Program for 2021 IMG, IMT and BCS Students

On 2nd June 2022, the Institute conducted an orientation session for BCS, IMG and IMT-2021 batch students and their parents in the auditorium followed by a tree plantation drive of the students of different batches.



Celebration of World Blood Donor Day

On 14th June 2022, the faculty members, staff and students took the oath of blood donation. Nearly 50 students donated blood to help society in a blood donation camp at ABV-IIIITM Gwalior.



International Day of Yoga

On June 21, 2022, the Institute celebrated the International Yoga Day with the Director, faculty members, staff and students of the Institute. The participants actively participated in the yoga session organized at the sports complex of the Institute on the occasion of International Day of Yoga.



TIIC events

- TIIC organised a workshop on "Enterprise Healthcare System & Solution" during 15 –19 January 2022 at ABV-IIIITM Gwalior.
- organised a workshop on "Enterprise Application Development, Reliability, and Security" during 05 – 09 February 2022 at ABV-IIIITM Gwalior.
- TIIC organised a workshop on "Innovations in IoT for Emerging Applications" during 12 – 16 February 2022 at ABV-IIIITM Gwalior.
- TIIC organised a workshop on "Enterprise Application Development, Reliability, and Security" during 05 – 09 February 2022 at ABV-IIIITM Gwalior.
- TIIC organised an event on Business Plan Preparation during 24-28 March 2022. The participants received the concepts and applications of business plans through online sessions, interactive discussions, problem-solving, excel based demonstrations and relevant cases.

Students' Activities

Abhigyan Abhikaushalam Students' Forum

- **Introduction to C++ hIQ - (online):** AASF organised an introductory hIQ on C++ for the new entrants of the 2020 batch. The hIQ was conducted for three days.
- **Introduction to Competitive Programming:** AASF organised a two-day long introductory session on competitive programming to guide the students, covering a wide range of topics such as fundamentals of STL, setting up the environment, getting acquainted with competitive programming platforms, debugging errors and the much-needed approach to solve any problem.
- **Weekly and biweekly contents:** AASF conducted various weekly and biweekly activities to train the junior batch students. It includes Puzzles, Switches cases, Conditional Statements, Mathematical Problems, and Data Structures and Algorithms practice.
- **Graphic Design hIQ (Online):** A two-day introductory session on Graphic Designing using Adobe Photoshop and Figma.
- **HackStack:** A Junior Programming Contest for the first-year students of the Institute on Hacker Rank
- **Introduction to Git and GitHub:** A two-day hIQ: Introduction to Git and GitHub for the freshmen batch of the Institute.
- **Design 101:** AASF and Under 25 Hubble Bubble collaborated for a special session with a professional graphic designer, Nandini Gautam
- **Group Discussion Event:** A Group Discussion Event for students across all the batches of the Institute on the AASF Discord server
- **Domain Exploration:** A two-day hIQ: Domain Exploration for the first- and second-year students of the Institute.
- **Bash hIQ:** The hIQ covers all the basic and essential Linux commands and has also covered scripting in Bash.
- **Experientia:** The event involved pre-final and final year seniors of our Institute sharing their experience throughout the Institute and their technical journey as well as clearing doubts of students.
- **Winter Projects:** AASF, in collaboration with Google Developer Student Clubs ABV-IIIITM Gwalior, organised the "Winter Projects" event. The two-month-long event consisted of two tracks - the development track and the open source track. Mentors from the final and pre-final years guided the teams to build projects across various domains like Web Development, Android Development, Machine Learning, Blockchain, etc. The event received participation from 90+ teams consisting of 200+ students.



Google Developer Students' Club

- **Orientation Session + Intro to 30 Days of Google Cloud:** An introductory session and “30 Days of Google Cloud” event was held, informing the students about the program. 200+ students attended the event.
- **Discover your Domain:** Organized a “Discover your Domain” event which aimed at explaining and providing a brief overview of domains ranging from web development to blockchain.
- **Solutions Challenge 2022 - Info Session:** Conducted an informative session regarding how to solve the United Nations’ 17 Sustainable Development Goals using Google technology.
- **DevCast Computer Programming:** Organized a podcast-like event, “DevCast”, which aimed to provide interaction, information and knowledge regarding “Computer Programming”.
- **Flutter Festival:** Organized the “Flutter Festival” event over a span of 5 days in ABV-IIITM Gwalior which aimed to teach the students about Dart and Flutter for mobile application development.

IEEE Events 2022

- **Quiz:** The IEEE students' branch conducted an online quiz for the newly selected members. The quiz covered all topics varying from crypto to our country's history. The total prize amount distributed among all the winners is Rs.10, 000.
- **AD MAD:** The IEEE students' branch conducted an advertisement making competition. There were a total of 24 teams registered for the event. Each team consisted of 2-4 members. The total prize amount distributed among all the winners is Rs 8,000.
- **BATTLEZONE:** This fun-filled event included the Battle Royale game Battleground Mobile India (BGMI), the first-person shooter Valorant, and the game of Chess. The total prize amount distributed among all the winners is Rs. 15,000+.
- **ROADMAP To MAANG:** The workshop focused on learning fundamentals of DSA as well as interview questions that are frequently asked in companies like Meta and Apple. In between the workshops, we had a quiz through which we decided the winners for the goodies.

Manchanta

Reconnect 2022: Manchanta, the dramatics society of ABV-IIITM Gwalior conducted a fun-filled event named “Reconnect 2022” for the alumni of our prestigious Institute to relive their campus days. The event was a webinar for the alumni. Invitations were given across the 5 batches ranging from 2021 to 2016 and more than 150 alumni joined in to relive their wonderful campus days. The event included an amazing skit based on what a student has to go through while submitting a B.Tech project. Each member performed a specific part of the skit from their homes and these videos were then effectively combined and edited to make a great skit.

Rotaract Club of Youth

- **Korero:** Korero is a yearly event held by the Rotaract club of IIITM Gwalior, where freshers got the opportunity to interact with their final year seniors about options in store for their future careers
- **Striyochit:** On the occasion of women's day on 8th March 2022, the Rotaract club of Youth – IIITM Gwalior organized one of the most impactful events – STRIYOCHIT. The participants brought to light the various issues faced by the female community through posters, videos and poems.
- **Summer Consilium:** On 22nd May, Rotaract Club of Youth IIITM came to the rescue of the clueless freshers with their annual event, the Summer Consilium, where accomplished seniors interact with freshers and provide them with an opportunity to ask any academic-related questions and help get viable answers with realistic advice.
- **Blood Donation Camp:** On World Blood Donor Day, Rotaract and IEEE Club organised a blood donation camp where students were allowed to volunteer to donate blood for a noble cause. After this, the students went to the Health Center for blood donation, where authorised Red Cross medical personnel carried out the task.
- **Other donation drives:** Rotaract never hesitates to become the voice of IIITM Gwalior when helping people in need. RCoY takes care that all your donations reach the right hands
- **FunDozz 2.0:** This event was organised to refresh and rejuvenate students after an exhausting first semester. There was a live event where the participants were given various tasks that they had to perform.
- **Humans of Gwalior:** We have published a very motivating story of Vaibhav Nahata in the 14th episode of Humans of Gwalior. Vaibhav, a 19-year-old boy, is a sensational motivational speaker. He has already talked to over 24 lakh students across 54 countries. Besides this, he is also an entrepreneur who runs a startup named Success Society International, which aims at making education more life skills oriented

Uthaaan Club

- The Orientation ceremony, and the freshers' intro video was the flagship events in January. The new batch of 2021 was introduced to the club, and it's working. The intro video was a huge success which saw active participation from the 2021 batch.
- HYP is the yearly interview series by Uthaaan, where club members interview our Institute's remarkable students and trace their journey through their campus years to their placements. The videos premiere on YouTube.
- QuillMill was launched this summer, where the members of Uthaaan team shared their writing talents and technical skills which were featured on Uthaaan's official page.
- PlaceKode 2022 was rolled out, which were interview pieces describing the journey of the graduating seniors, their tips for placement preparation, and industry insights.
- Campus Exploration Event was a rejuvenating event experience, which encouraged juniors to explore the vast campus and capture how they viewed it.



E-cell

- **Decode with E-Cell:** The team E-cell conducted an informative and inspiring webinar by inviting our very own Institute alumnus, Mr. Puneet Chandra and Mr. Abhishek Kishore Gupta, who are also the co-founder of Skootr and founder of TurboTic India, CEO APAC & ME, respectively. This event was conducted on 11th February 2022.
- **Blogs:** Weekly blogs were being published that garnered an impressive amount of reads, especially from the freshers. We have also seen significant growth in the number of followers of our Medium page. These blogs covered a variety of topics ranging from entrepreneurship, business ideas, and current affairs to the latest technologies.

Learning Resource Center



PURPO

SE: The library's purpose is to connect students, scholars, faculty and others to the world of information and ideas.

SCOPE: The scope of the library extends to all the teaching staff/non-teaching staff/students/research scholars of this Institute. In certain circumstances, persons outside the Institute can access the facility with prior permission from the concerned authority.

OUR MISSION: LRC at the ABV-IIITM Gwalior is privileged to support the Institute's march towards its vision of "Global excellence in knowledge economy". It strives to connect outstanding faculty and brilliant engineering and management students to knowledge and stage of the art of their disciplines and thereby strengthens the aspirations on an expectation of the research and teaching work at LRC, Library of ABV-IIITM Gwalior, one of the largest learning resource centre in Gwalior is truly a hub of knowledge.

RESPONSIBILITY: The responsibility for the day to day administration of the library lies with the Chairman, Library Committee

STEPS & ACTIVITIES: Currently, the Institute library has a separate building, and it's nominated as the Learning Resource Center (LRC). The building plinth area is 5,620 sq. ft., located in the centre of the Institute. It serves users on all the days except on three National Holidays and restricted usage during weekly holidays, It has a comprehensive collection of literature predominantly related to information technology and management and its allied subjects to meet the present and future information needs of its users. The library activities are computerized using "Alice Window 6.0". ABV-IIITM Gwalior encourages the use of LRC for professional purposes. Individuals and Organizations can use the library regularly either on a deposit or non-deposit basis on payment with prior approval from the concerned authority.

Statistical Information during April 2021 - March 2022

S. No.	Titles Information	Production During 2020-2021	Production During 2021-2022	Increase
1	Stack Section (25987), Donated (1421), Book Bank (2962)	30170	30370	200
2	E-Books	10618	11824	1206
3	Print Journals	-	14	14
4	E-Resources (E- Journals)	46 (e-journals 6763)	46 (e-journals 7181)	418
5	Number of M Tech (1851), MBA (873) Thesis include [IPG], B.Tech (CS) 37, Ph D Thesis (96)	2673	2857	184
6	Video Cassettes	165	165	-
7	Text Book CD's= (1822), NPTEL Lecture CD's (921) & DVD's (247)	3129	3129	-
8	Annual Report	227	252	25
9	Bound Journals	976	976	-
10	Magazines	-	25	25
11	Newspapers	07	14	07

ABV-IIIITM Gwalior has extended access to information resources through a virtual library set-up to access databases.

Some of the salient features of the library are:

- Member of E-Sodh Sindhu, INFLIBNET Ahmedabad (Setup by MHRD)
- Member of National Digital Library (NDL) Setup by MHRD under its National Mission on Education through Information and Communication Technology (NME-ICT)
- Member of DELNET (Developing Library Network), New Delhi
- Member of Indian Reprographic Rights (IRRO), New Delhi
- Member of ILA (Indian Library Association), New Delhi Access to over 6778 online journals made possible through internet
- Economic database provided by CMIE



In addition to approximately 30,000+ text books, reference books, and reading material in various areas of Information Technology and Management the library subscribes following (online e-resources also). A list of books related to Philosophy, Yoga, Personality development etc. are also available in both English and Hindi language.

Electronic Resources Available at Learning Resource Center

S No	Name of E-Resource	Website
1	ACM Digital Library	http://portal.acm.org/portal.cfm
2	The IEEE/IEE Electronic Library (IEL)	http://ieeexplore.ieee.org/
3	Springer Link	http://www.springerlink.com
4	MathSciNet	http://www.ams.org/mathscinet
5	Science Direct:	http://www.sciencedirect.com
6	EBSCO's Business Source Premier	http://search.epnet.com
7	Indiastat.com	http://www.indiastat.com
8	J-Stor	http://www.jstor.com
9	Emerald insight	http://www.emeraldinsight.com
10	Economic & Political Weekly	http://www.epw.in/frontpage?0=ip_login_no_cache %3D1d561b6288ded347d725b46f4ce160a1
11	Institute for Studies in Industrial Development (ISID) Database	http://isid.org.in/home.html
12	JGate Plus (JCCC)	http://jgateplus.com/search/
13	Nature	http://www.nature.com/index.html
14	Oxford University Press	http://www.oxfordjournals.org/en/
15	Web of Science Lease Access	http://apps.webofknowledge.com
16	Taylor & Francis e-Books Collection (393 titles)	http://www.crcnetbase.com/
17	IEEE-Wiley e-Books collection (480 titles)	http://ieeexplore.ieee.org/
18	Springer eBooks Collection (7415 titles)	http://www.springerlink.com
19	PROWESS (IP Based)	https://prowessiq.cmie.com/

20	Economic Outlook –IP Bases (Formerly Business Beacon & EIS)	http://economicoutlook.cmie.com/
21	Industry Outlook (IP Based)	http://industryoutlook.cmie.com/
22	TradeDx (IP Based)	https://tradedx.cmie.com/
23	Communications of the ACM	http://cacm.acm.org/
24	Journal of Interconnection Networks	http://www.inderscience.com/jhome.php?jcode=ijsi
25	Evolutionary Computation	http://www.mitpressjournals.org/loi/evco
26	Journal of Management	http://jom.sagepub.com
27	Journal of Entrepreneurship	http://joe.sagepub.com
28	Physical Review Fluids	https://journals.aps.org/prfluids/
29	Physical Review Applied	https://journals.aps.org/prapplied/
30	Physical Review letters	https://journals.aps.org/prl/
31	Reviews of Modern Physics	https://journals.aps.org/rmp/
32	Physical Review A	https://journals.aps.org/pra/
33	Physical Review B	https://journals.aps.org/prb/
34	Physical Review C	https://journals.aps.org/prc/
35	Physical Review D	https://journals.aps.org/prd/
36	Physical Review E	https://journals.aps.org/pre/
37	Physical Review Online Archive- (PROLA)	https://journals.aps.org/archive
38	Physical Review Accelerators and beams	http://journals.aps.org/prstab/
39	Physical Review Physics Education Research	http://journals.aps.org/prstper/
40	Physical Review X	http://journals.aps.org/prx/
41	Physics	http://physics.aps.org/
42	Physical Review Materials	https://journals.aps.org/prmaterials
43	Grammarly (web-tool)	https://app.grammarly.com
44	TURNITIN (web-tool)	https://www.turnitin.com/
45	MyLoft Web-tool	https://app.myloft.xyz/browse/home
46	SCOPUS	https://www.scopus.com/

Research Laboratories

The Institute has laboratories required for various courses related to IT, Management and Applied Sciences. The laboratory facilities are continuously being enhanced to cater for the ever-expanding academic and research needs. Various IT tools are used in functional areas like marketing research, decision support system, operational research and others. These laboratories have housed more than four hundred Pentium-based computer systems of different makes such as Compaq, Digital, HCL and Silicon Graphics etc. There are many servers at present to cater to various computing needs of the Institute.

Lab No.	Name of the Laboratory	Location	Name of the Faculty Incharge	Email Faculty I/c ***@iiitm.ac.in	Primary Focus
L-2	Data Communication	C-003	Dr Aditya Trivedi	atrivedi	Teaching
L-3	Secured Computing	C-006	Dr S Tapaswi	stapaswi	Research
L-4	Communication Skills	C-009	Dr Ritu Tiwari	ritutiwari	Teaching
L-5	VLSI Design	C-I03	Dr Manisha Pattanaik	manishapattanaik	Research & Teaching
L-6	Communication Systems	C-115	Dr Aditya Trivedi	atrivedi	Research & Teaching
L-7	Hardware	C-203	Dr Anupam Shukla	anupamshukla	Teaching
L-8	Digital Logic Design	C-213	Dr Ritu Tiwari	ritutiwari	Teaching
L-9	Visual Information Processing Research	D-115	Dr Mahua Bhattacharya	mb	Research
L-10	Advanced Networking	D-203	Dr P K Singh	pk Singh	Research & Teaching
L-11	Electrical and Electronics (Basic)	E-002	Dr Anurag Srivastava	anurags	Teaching
L-12	Engineering Physics	E-003	Dr Pankaj Srivastava & Dr A. Srivastava	pankajs, anurags	Teaching
L-13	Mathematical Modeling and Simulation	E-I03	Dr Joydip Dhar	jdhar	Research & Teaching
L-14	Computational Nano Science and Technology (AMR and NMR Groups)	E-112	Dr Anurag Srivastava and Dr Pankaj Srivastava	anurags, pankajs	Research
L-15	Sponsored Project	E-203	Dr Anupam Shukla	anupamshukla	Research
L-16	Soft Computing & Expert System	E-211	Dr Anupam Shukla	anupamshukla	Research & Teaching

Lab No.	Name of the Laboratory	Location	Name of the Faculty Incharge	Email Faculty I/c ***@iiitm.ac.in	Primary Focus
L-17	Computational Intelligence and Data Mining Research	D-001	Dr P K Singh	pksingh	Research
L-18	Linux Lab	A-213	Dr Ritu Tiwari	-	Research
L-19	Information Security Lab	D-002	Dr K VArya	kvarya	Research & Teaching
L-20	Wireless Sensor Network	A-116	Dr K K Pattanaik	kkpatnaik	Research
L-21	Medical Informatics	D-002	Dr M Bhattacharya	mb	Research & Teaching
L-22	Behavioral Economics and Analytics laboratory	D-205	Dr Manoj Kr. Dash	manojdash	Research & Consultancy
L-23	Robotics Lab	A-203	Dr W Wilfred Godfrey	godfrey	Research
L-24	Robotics and Intelligent System Design Lab	C-213	Dr Ritu Tiwari	ritutiwari	Research
L-25	Thin Clinet Lab	A-213	Dr Ritu Tiwari	ritutiwari	Research
L-26	Enterprise Integration Lab	D-104 add room	Dr Manoj Patwardhan	manojp	Research
L-27	Data Analysis Lab for Business Management and Social Science Research	C-210	Dr Naval Bajpai	nbajpai	Data Analysis
L-28	IoT Based Automated, Real time and effective Traffic Signal Scheduling for smart City	LT-2 (102)	Dr Santosh Rathore	santoshs	Teaching & Research
L-29	Development of Smart Monitoring System for Health & oestrous of dairy Cow	D-008	Dr Rajendra Sahu	rsahu	Teaching & Research
L-30	IEEE project lab	F-203	Dr Someh Kumar	somaesh	Research
L-31	Speech and Image Processing Lab	F- 210	Dr Ritu Tiwari	ritutiwar	Teaching & Research
L-32	Machine Learning and Software Development Lab	LT 2:103	Dr Vinal Patel, Dr. Debanjan Sadhya, Dr. Santosh Rathore, Dr. Binod Prasad	vp, debanjan, santoshs binod	Teaching & Research

Ongoing Sponsored Projects during 2021-22

S. No.	Title of Project	Funding Agency	PI(S)/faculty Incharge
1	Vision Based Expert System Design for Cotton Plucking	CSIR, New Delhi	Prof. Mahua Bhattacharya
2	To study the effect of electromagnetic radiation on biological cell/tissues Blood cell using Non invasive imaging	SERB, New Delhi	Prof. Mahua Bhattacharya
3	Morphological and Neurobiological Changes in Spinocerebellar Ataxia Affected Patients (SCA) through MRI Techniques USING Computer Vision Based Analysis"	SERB, DST, New Delhi	Prof. Mahua Bhattacharya
4	NIMAT	DST, New Delhi	Prof Rajendra Sahu
5	Industrial and Domestic monitoring and control using a decentralized cyber physical system.	SERB, New Delhi	Prof Aditya Trivedi
6	Special Manpower Development Programme for chips to system Design	DeITY/MCIT	Prof G K Sharma /Prof. Manisha Pattanaik
7	ISEA Phase - II	DeITY, New Delhi	Prof. Shashikala Tapaswi
8	Technology Incubation & Development of Entrepreneurs (TIDE 2.0) in the areas of Electronics and ICT	MCIT, DIT, New Delhi	Dr. Manoj Kumar Dash
9	Development of a smart monitoring system for health and oestrous of dairy cows in remote location	DST, New Delhi	Dr Prasenjit Chanak
10	Design and performance evaluation of 2D Materials in MOS Devices for low power VLSI application	DST, New Delhi	Dr Subhra Dhar
11	Deep learning based CAD system for lung cancer diagnosis	WOS-/DST, New Delhi	Ms Jenkin R Suji
12	Benzene Derivatives based single electron transistor quantum dots for toxic gas sensing	SERB, DST, New Delhi	Prof Anurag Srivastava
13	IoT based automated Real Time and effective Traffic Signal Scheduling for Smart City	DST, New Delhi	Dr Neetesh Kumar/ Prof S Tapaswi
14	UNNAT BHARAT ABHIYAN	MHRD, New Delhi	Dr Vishal Vyas
15	Accessibility and Adaptability of Ayushman Bharat Program for Social Security of Elderly in Central India "	ICSSR, New Delhi	Dr Gaurav Agarwal
16	Assistive Learning Device for Children with Hearing Loss	SERB, New Delhi	Dr Vinal Patel

17	Compact Modeling for Quasi-Ballistic Transport in GAA MOSFET & Design of Radiation Hardened SRAM Array	SERB, New Delhi	Dr Gaurav Kaushal
18	Modeling for adaptability and utilization of Pradhan Mantri Arogya Yojana (PMJAY) for the Social security of senior citizens in central india	ICSSR, New Delhi	Dr Gaurav Agarwal
19	Emergency Aware Intelligent Dynamic Traffic Signal System for Smart Cities	SERB, New Delhi	Dr Wilfred Godfrey Wilson
20	Design and Modeling of Ultra-Scaled Copper-Graphene Hybrid On-Chip Interconnects for Low Power and High-Speed IC Applications with Machine Learning	SERB, New Delhi	Dr Somesh Kumar
21	Graph Theoretic Approach in Large scale Epidemic and Ecological Models	SERB, New Delhi	Dr Anuraj Singh
22	Agri Business and Smart Village Incubation Center	MSME, New Delhi	Prof Rajendra Sahu
23	A Study on exploration of ICT tools for the sustainability of socio-economic development of fishing community of Odisha state "under domain politics, Law and Economics	ICSSR, New Delhi	Dr Manoj kumar Dash
24	Investigating the role of Social Media in Addressing Public Health Development issues in India: A Multi-Criteria Decision Making Approach	ICSSR, New Delhi	Dr Manoj kumar Dash
25	Malware Analysis using Machine Learning Techniques for Industrial Control	IIT Kanpur	Prof Aditya Trivedi
26	Design of Privacy -preserving and efficient mechanisms for handling heterogeneous biometric data in the context of Aadhaar	SERB, New Delhi	Dr Debanjan Sadhya
27	Artificial Intelligence Enabled Dialogue based Online Medical System Development for Precision Healthcare	SERB, New Delhi	Dr Santosh Singh Rathore
28	Research Productivity and Performance Enhancement System (CARS)	DRDO, Agra	Prof Gyan Prakash
29	Study of Impact of Integration, Seasonality and Control on Ecological and Epidemiological Models	SERB, New Delhi	Dr Anuraj Singh
30	Dynamic Bayesian Network model for behavioral study of autonomous data agents"	SERB, New Delhi	Dr K K Pattanaik
31	Machine Learning Aided Self Sustainable Future Wireless Networks	SERB, New Delhi	Dr Binod Prasad
32	Developing a framework for assessing innovation readiness, research intensity and technology resilience of firms	DSIR, New Delhi	Prof Gyan Prakash

Publications/Conferences

Publications reflect the area interests of the faculty and their research resourcefulness. Publications with student co-authorships encourage strong faculty commitment to mentor both research scholars and post graduates in research. In 2021-22, ABV-IIIITM faculty members have published books and book chapters by well known publishers in scientific community, detailed in the table below:

Books/Book Chapters

S. No.	Authors	Title	Publisher	Year
01	Mukesh Saraswat, Harish Sharma, and Karm Veer Arya	Intelligent Vision in Healthcare	Springer-Nature	2022
02	Dash, Manoj, Sahu, Manas, Bhattacharyya, Jishnu and Sakshi Sivam	Customer-Centricity in Organized Retailing: A Guide to the Basis of Winning Strategies	Springer Verlag, Singapore	2022
03	Bhattacharyya, Jishnu, Dash, Manoj, Hewege, Chandana R., Balaji, M.S., Marc, Lim Weng	Social and Sustainability Marketing: A Casebook for Reaching Your Socially Responsible Consumers through Marketing Science	Productivity Press, Taylor & Francis Group	2022
04	K. V. Arya & Abhishek Singh et. al.	Formal Reliability Analysis of Advanced Metering Infrastructure in Smart Grids," chapter in book titled DESSG-2021: Deregulated Electricity Structures and Smart Grid	CRC Press, Taylor & Francis Group	2022
05	S. Upadhyay and P. Srivastava	Advances in Materials Science Research: "Antimonene: A Promising Anode Material in Sodium Ion Battery" (Book Chapter)	Volume 48, Editor- Maryann C. Wythers, New York: Nova Science Publishers, Inc., ch. 5. Pp 164-186.	2021
06	Sweta Parashar and Pankaj Srivastava	Advances in Quantum Mechanics	IK International (Under Press 2022).	2022
07	Piyush Dua, Anurag Srivastava, Parmal Singh Solanki, Mohammed Saif ALSaidi	Memristor and Spintronics as Key Technologies for Upcoming Computing Resources (Nanoscale Memristor Device and Circuits Design)	Elsevier, Edited By Balwinder Raj, Ahmed Rimani, Abusaleh M Jabir, Saurabh Khandelwal	2022
08	Sonal Agarwal, Kumar Gaurav, Sushmita Dandeliya, Boddepalli Santhi Bhushan, Parveen Saini and Anurag Srivastava	Dielectrics in Electronic and Energy Storage Devices	Nova Publishers	2022

In 2021-22, faculty members of ABV-IIITM Gwalior have published several research papers in reputed journals which are presented as under:

2021

1. Agarwal, R., Jalal, A.S., Agrawal, S.C. & Arya, K.V. 2021, Fake and Live Fingerprint Detection Using Local Diagonal Extrema Pattern and Local Phase Quantization.
2. Agarwal, R., Jalal, A.S. & Arya, K.V. 2021, "Local binary hexagonal extrema pattern (LBHXEP): a new feature descriptor for fake iris detection", *Visual Computer*, vol. 37, no. 6, pp. 1357-1368.
3. Agarwal, V., Tapaswi, S. & Chanak, P. 2021, "A Survey on Path Planning Techniques for Mobile Sink in IoT-Enabled Wireless Sensor Networks", *Wireless Personal Communications*, vol. 119, no. 1, pp. 211-238.
4. Agrawal, G. & Mishra, A. 2021, "Universal health coverage initiatives for elderly-a review of ayushman bharat program in india", *Aging Medicine and Healthcare*, vol. 12, no. 2, pp. 34-40.
5. Agrawal, N. & Tapaswi, S. 2021, "An SDN-Assisted Defense Mechanism for the Shrew DDoS Attack in a Cloud Computing Environment", *Journal of Network and Systems Management*, vol. 29, no. 2.
6. Agrawal, S., Kaushal, G. & Srivastava, A. 2021, "Electron transport in C3N monolayer: DFT analysis of volatile organic compound sensing", *Chemical Physics Letters*, vol. 762.
7. Agrawal, S., Kaushal, G. & Srivastava, A. 2021, "Enhanced metallicity in defected Zigzag graphene nanoribbons: Role of oxygen doping", *MRS Advances*, vol. 6, no. 30, pp. 723-728.
8. Agrawal, S., Khandelwal, U. & Bajpai, N. 2021, "Anthropomorphism in advertising: the effect of media on audience attitude", *Journal of Marketing Communications*, vol. 27, no. 8, pp. 799-815.
9. Agrawal, S., Singh, V. & Upadhyay, Y. 2021, "Structural model of information quality framework to e-agri supply chain", *Journal of Advances in Management Research*, vol. 18, no. 4, pp. 609-634.
10. Agrawal, S., Srivastava, A. & Kaushal, G. 2021, "Bandgap engineering in Ga and P doped armchair graphene nanoribbons: DFT analysis", *Materials Today: Proceedings*, vol. 48, pp. 647-649.
11. Agrawal, S., Srivastava, A. & Kaushal, G. 2021, "DFT analysis of different shaped cu nanowires for interconnect application", *CEUR Workshop Proceedings*, pp. 70.
12. Agrawal, S., Srivastava, A. & Kaushal, G. 2021, "Electron transport in boron functionalized armchair graphene nanoribbons: Potential interconnects", *Solid State Communications*, vol. 327.
13. Agrawal, S., Srivastava, A. & Kaushal, G. 2021, "Modeling of interface trap charges induced degradation in underlap DG and GAA MOSFETs", *Microelectronics Reliability*, vol. 125.
14. Agrawal, S., Srivastava, A. & Kaushal, G. 2021, "Understanding Electron Transport in oxygen decorated Zigzag Graphene nanoribbons for nanoscale interconnects", *Proceedings of the IEEE Conference on Nanotechnology*, pp. 21.
15. Agrawalla, C. & Patel, V. 2021, "Modified Momentum Based Active Noise Control System with Improved Convergence Characteristics", *2021 6th International Conference for Convergence in Technology, I2CT 2021*.
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Faculty members on various editorial Boards of Journals and Outreach Activities/Lecture series for the year 2021-22

Faculty Name	Faculty members as Reviewer and in Editorial Board
Dr Arun Kumar	Invited talk on Shared Vision and Strategic Planning at UGC-HRD, LNIP, Gwalior
Dr Debanjan Sadhya	Invited talk at Workshop on “Advanced Computing Technologies”, MNNIT Allahabad, India, 2022
Dr Rajesh Rajagopal	Invited talk on "Multi-Criteria Decision Making" course conducted at the Institute of Rural Management Anand (IRMA), Anand.
Dr Santosh S Rathore	Expert talk on "Workshop on Machine Learning and its Application in Cyber Security" dated 17th June 2022 at IGDTUW, Kashmere Gate, Delhi.
Dr Saumya Bhadauria	Expert talk on “Malware Analysis for Industrial Control Systems” at workshop on Cyber Security Technologies and Applications CSTA-2022, ABV-IIIITM Gwalior.
Dr Somesh Kumar	Invited talk in Accelerate Vigyan Workshop on "Custom IC Design using EDA" at Department of Electronics & Communication, IIIT Pune during 27th Feb. – 05th March 2022
Dr Ajay Kumar	Expert lecture in faculty development programme on “Machine Learning and its Applications” dated February 16, 2022 at CCS University Meerut
Dr Ajay Kumar	Expert lectures in AICTE sponsored FDP on "Research Methodology and Scientific Writing for Engineering and Management (RMSW-2021)" dated February 19, 2022 at ABV-IIIITM Gwalior (MP).
Dr Ajay Kumar	Expert lectures in faculty development programme on “Machine Learning and Recent Data Analysis Methods” dated March 16-18, 2022 at Dr. Harisingh Gour Vishwavidyalaya Sagar (MP).
Dr Somesh Kumar	Invited talk at Accelerate Vigyan Workshop on "Innovation in Design and Development of Hybrid Antennas for 5G Communication, ABV-IIIITM Gwalior during 29th Jan.-2nd Feb. 2022.
Dr Somesh Kumar	talk in Accelerate Vigyan Workshop on "Recent trends in VLSI Devices, Circuits and Application" at ABV-IIIITM Gwalior during 18th April – 24th April 2022
Prof K V Arya	Expert talk in online “Refresher Course in Physical Education” at UGC-Human Resource Development Centre and Department of Physical Education, University of Allahabad, Prayagraj from 18.01.2022 to 31.01.2022
Prof K V Arya	Delivered a keynote speech in online “Workshop on Enterprise Healthcare Systems & Solutions” sponsored by TIDE 2.0 Technology Innovation and Incubation Center at ABV-IIIITM Gwalior from 15.01.2022 to 19.01.2022.
Prof K V Arya	Delivered a talk in AICTE sponsored online ATAL Five Day Faculty Development program on “Machine Learning applications on Image Processing” at Nagarjuna College of Engineering and Technology, Bangalore from 17.01.2022 to 21.01.2022

Prof K V Arya	Delivered a talk in AICTE sponsored online short-term course on “Image Processing, Computer Vision and Intelligent Technologies in Pandemic” at Madhav Institute of Technology & Science, Gwalior from 18.01.2022 to 22.01.2022
Dr Pinku Ranjan	Invited talk DST-STUTI on “Hands on Training on Microwave & Photonics Related Sophisticated Equipment and Components (HTMPRSEC22), MNNIT Allahabad, Prayagraj, India on 6th to 12th June 2022
Dr Pinku Ranjan	Invited talk on Recent trends in VLSI Devices, Circuits and Applications organized by DST/SERB, ABV-IIITM Gwalior, India on 18th to 24th April 2022
Dr Pinku Ranjan	Invited talk in 5 days TIIC (TIDE 2.0) Workshop on Innovations in IoT for Emerging Applications organized by TIIC, ABV-IIITM Gwalior, India on 12th to 16th Feb 2022
Dr Pinku Ranjan	Invited talk in a 5 days TIIC (TIDE 2.0) Workshop on Innovation in Design and Development of Hybrid Antennas for 5G Communication organized by TIIC, ABV-IIITM Gwalior, India on 29th January to 2nd Feb 2022
Dr Binod Prasad	Served as resource person in FDP on "Enterprise Healthcare Systems & Solutions" during January 15-19, 2022
Dr Binod Prasad	Served as resource person in FDP on "Innovation in Design and Development of Hybrid Antennas for 5G Communication" during January 29th – Feb 2nd 2022
Dr Binod Prasad	Served as resource person in FDP on "Enterprise Applications development, Reliability, and Security" during February 05-09, 2022
Dr Binod Prasad	Served as resource person in FDP on "Innovations in IoT for Emerging Applications" during February 12-16, 2022
Dr. Jeevaraj S	Expert Systems with Applications Applied Softcomputing Soft Computing, Computational and Applied Mathematics OPSEARCH IEEE Transactions on Systems, Man and Cybernetics
Dr. Jeevaraj S	Delivered an Online Lecture in “One Day Workshop on “Recent Developments in Fuzzy Set and its Applications” held at Jayaraj Annabackiam College for Women (Autonomous), Periyakulam, Theni, Tamilnadu. (28.01.2022)
Prof. Pankaj Srivastava	RSC publishing, Journal of physical chemistry, Applied surface science, Journal of Material Chemistry, IEEE-TNANO, RSC advances, Chemical physics letters
Prof. Pankaj Srivastava	Invited Talk on “2D materials for energy storage applications” in STP on 2D materials-atoms to devices, Dept. of ECE, IIIT, Prayagraj (UP), October 21 - 25, 2021 (Online).
Prof. Pankaj Srivastava	Invited Talk on “Physics of Quantum Computers" in Recent Advances in Applied Physics, Dept. of Physics NERIST, Itanagar, Arunachal Pradesh. 27th International Conference of International Academy of Physical Sciences (CONIAPSXXXVII) October 26 - 28, 2021 (Online)
Prof. Pankaj Srivastava	Session Chair- 3rd IEEE BOMBAY Section Signature Conference (IBSSC-2021), November 18-20, 2021, organized by IEEE Bombay Section and ABV-IIITM Gwalior

Prof. Anurag Srivastava	Invited Talk: Materials and Device Modelling using DFT based computational Code: Sensors and Supercapacitors as examples (14-16Sept, 2021), VI International Conference "Information Technologies and High Performance Computing" (ITHPC-2021), Khabarovsk, RUSSIA
Prof. Anurag Srivastava	Keynote talk: Monitoring Air and Water Pollution using Nanomaterialsbased Devices: Computational Insight(Focus On Activities @ IIIITM Gwalior) (26-27 March 2022) National Conference on Environmental Challenges and Sustainable Development, Govt S L P College Gwalior
Prof. Anurag Srivastava	As speaker and moderator: Pre Conference of "Madhya Pradesh Vigyan Sammelan and Expo (MPVS-2021)" (October 09, 2021), Online Mode
Prof. Anurag Srivastava	As speaker and moderator : "Madhya Pradesh Vigyan Sammelan and Expo (MPVS-2021)" (December 22-25, 2021), Online Mode
Prof. Anurag Srivastava	Expert lecture: Academic Leadership through Ethical Practices in Research and Publication (21-25 Feb 2022)
	Five Day FDP on Advances in Research, Professional Development and Academic Leadership under GURU Dakshta Program at Amity University, Noida
Prof. Anurag Srivastava	Expert Talk: Challenges and Opportunities for the Startups in Science and Technologies (28 Feb, 2022), National Virtual Conference on Integrated Approach in Science and Technology for sustainable development at SSHC, Bhopal
Prof. Anurag Srivastava	Expert lecture: IT Enabled multilingual platforms for Tourism sectors (14 March 2022), Popularizing Regional /Tribal Languages through the synergy of IT at ABV-IITTM Gwalior
Prof. Anurag Srivastava	Reviewer for a number of journals like IEEE Transactions, Elsevier, ACS, Springer, RSC, Taylor & Francis, Wiley etc.
Prof. Rajendra Sahu	Chief Guest of the Two week online certificate programme on data Analysis using SPSS & AMOS, 15.07.2022, ASBM, University, Bhubaneswar.
Prof. Rajendra Sahu	Chief Guest of the 5th Annual Conference of SOEA on Covid 19: Impacts on health, Rural Economy and Migration, 5th September, 2021, Khallikote University, Bherhampur
Prof. Rajendra Sahu	Chief Guest and Delivered lecture on "Current trends and scenario of Econometric Research in Management" 08th October 2021, ABV-IIIITM Gwalior
Prof. Rajendra Sahu	Reviewer of Journals: (1) International Journal of Data Mining and Knowledge Discovery (2) Int. J. of Information Technology & Decision Making (IJITDM)
Prof. Rajendra Sahu	Editorial board member of International Journal: E - Commerce for Future & Trends; Global Journal of Engineering, Science & Social Science & Studies; Amity Journal of Supply Chain Management; International Journal of System Dynamics Applications
Dr. Rajesh Rajagopal	Reviewer Recognition for the following international journals: Journal of Cleaner Production, International Journal of Production Economics, Measurement, Environment, Development and Sustainability, International Journal of Logistics Management

Dr. Rajesh Rajagopal	Recognized reviewer for the international journals shown below; Resources, Conservation and Recycling, Business Strategy and the Environment, Industrial Management & Data Systems, Computers & Industrial Engineering, Journal of Small Business Management, International Journal of Production Research, Production Planning and Control, Applied Soft Computing, Decision Sciences, Journal of the Operational Research Society, Annals of Operations Research
Dr. Rajesh Rajagopal	Achievements and Awards: <ul style="list-style-type: none"> • Listed in the world's top 2% of scientists by the Stanford University-Elsevier list (2021), with a world ranking of 98 in the subject field, "Operations Research". • Listed in the world's top 2% of scientists by the Stanford University-Elsevier list (2022), with a world ranking of 274 in the subject field, "Environmental Sciences". • Recognized as among the top 5 researchers in the world in the area of supply chain resilience (Sources: Web of Science (Position 3)/ Scopus (Position 5)).
Prof. Aditya Trivedi	Lectures Delivered: <ul style="list-style-type: none"> • "Noma Based UAV Deployment Using PSO" at GLA Mathura, Dated 28.10.2021 • "Application of ML in Wireless Communication and Networks in Online Springer's" "2nd International Conference on Communication & Artificial Intelligence (ICCAI-2021)" during 19-20 November 2021, • "Device to device Communication" Took a lecture (online) on 16.02.22 in Technology Innovation and Incubation Center (TIIC), ABV-IIIITM Gwalior, workshop titled "Innovations in IoT for Emerging Applications", held from 12/02/2022 to 16/02/2022

Right to Information Act, 2005: Report (01.04.2021 - 31.03.2022)

For the implementation of the Right to Information Act 2005, Institute has been taking the initiative to make the system transparent and trying to upload maximum information on the Institute website suo-moto for the citizens of India. The implementation of the RTI Act 2005 is ensured by the officials designated for the purpose, who are as follows:

Shri Pankaj Gupta, Joint Registrar, Central Public Information Officer	Shri Ram Phal Dwivedi, Registrar, First Appellate Authority,
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Other details are given below:

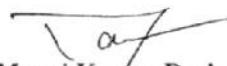
No. of RTI applications received in the Institute	08 (offline)
No. of RTI applications replied by the Institute	08
No. of first appeals received by the Institute	NIL
No. of decisions passed by the FAA of the Institute	NIL
Amount collected as RTI fee and additional fee	Rs 460/-

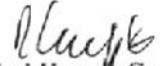
Atal Bihari Vajpayee - Indian Institute of Information Technology
and Management Gwalior (MP)

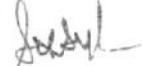
Balance Sheet as at 31st March 2022

SOURCES OF FUNDS	Schedule	Current Year (Rs.)	Previous Year (Rs.)
Corpus Fund/ Capital Fund	1	3,50,69,80,808.38	3,33,62,80,984.00
Designated / Earmarked / Endowment Funds	2	1,40,56,63,755.82	1,31,24,38,150.07
Current Liabilities and Provisions	3	27,01,00,119.43	29,33,47,277.90
TOTAL :		5,18,27,44,683.62	4,94,20,66,412.00
APPLICATION OF FUNDS			
Fixed Assets (Gross Value)	4		
Tangible Assets		1,96,30,88,921.00	1,95,83,46,705.00
Intangible Assets		15,12,07,612.00	12,83,11,344.00
Capital Works-In-Progress		64,15,97,843.00	65,72,41,248.00
Investments- From Earmarked / Endowment Funds			
Long Term	-	-	-
Short Term	5	88,54,78,136.00	83,52,64,505.00
Investments- Others	6	-	-
Current Assets	7	1,37,71,15,072.47	1,20,11,11,824.00
Loans Advances & Deposits	8	16,42,57,099.15	16,17,90,786.00
TOTAL :		5,18,27,44,683.62	4,94,20,66,412.00
Significant Accounting Policies	23		
Contingent Liabilities and Notes on Accounts	24		


Anil Garg
AR (F&A)


Dr. Manoj Kumar Dash
JR (F&A)


Pankaj Kumar Gup
Registrar (IC)

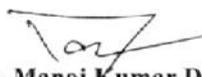

Prof. Sri Niwas Sing
Director



Income & Expenditure Account for the year ended 31st March 2022

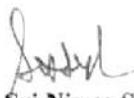
Particulars	Schedule	Current Year (Rs.)	Previous Year (Rs.)
A. INCOME :			
Academic Receipts	9	13,24,19,494.29	14,84,66,719.00
Grants / Subsidies	10	25,98,61,915.46	25,64,36,685.00
Income from Investment	11	4,31,82,915.00	5,03,79,912.00
Interest Earned	12	1,50,98,440.00	90,97,771.00
Other Incomes	13	72,42,670.74	42,20,425.00
Prior Period Income	14	-	-
Total (A) :		45,78,05,435.49	46,86,01,512.00
B. EXPENDITURE :			
Staff Payments & Benefits (Establishment Expenses)	15	12,36,88,084.00	11,54,04,271.00
Academic Expenses	16	4,05,13,437.40	3,77,59,636.00
Administrative and General Expenses	17	7,60,88,457.23	9,44,14,734.00
Transportation Expenses	18	4,35,426.00	6,60,642.00
Repairs & Maintenance	19	1,91,14,424.29	78,95,180.00
Finance Costs	20	3,086.54	8,132.00
Depreciation	4	5,06,58,165.66	4,87,81,300.00
Other Expenses	21	-	-
Prior Period Expenses	22	19,000.00	2,94,090.00
Total (B) :		31,05,20,081.12	30,52,17,985.00
C. Balance being excess of Income over Expenditure (A-B) :		14,72,85,354.38	16,33,83,527.00
D. Less : Transfer to Internal Corpus Fund (Total of (A) - Grant Received)	1.1	19,79,43,520.03	21,21,64,827.00
E. Add : Amount taken from Internal Corpus Fund :	1.1	-	-
Being amount transferred to Schedule 1 (C-D+E) :		(5,06,58,165.66)	(4,87,81,300.00)


Anil Garg
AR (F&A)


Dr. Manoj Kumar Dash
JR (F&A)


Pankaj Kumar Gupta
Registrar (IC)




Prof. Sri Niwas Singh
Director



विश्वजीवनामृतं ज्ञानम्

अ.बि.वा.-आई.आई.आई.टी.एम.
ABV-IIITM

(भारत सरकार का स्वशासी संस्थान)
(An Institute of National Importance under Ministry of HRD, Govt. of India)

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