



IAMR

NAAC ACCREDITED INSTITUTE

E-NEWSLETTER BCA



ABOUT IAMR

IAMR Group began as an educational institute in the early 2000s, revamping traditional educational techniques and focusing on innovation. It sent shockwaves through the educational sector, allowing IAMR Group to position itself as one of the industry's leaders. The organization is now a multi-faculty educational cluster that offers a wide range of courses, including engineering, management, health sciences, information technology, education, and law, to name a few. IAMR Group's vision and commitment to educational quality can be seen in the Institute of Applied Medicine and Research, Institute of Advanced Management and Research, Institute of Technology and Management, IAMR B.ED College, and IAMR Law College. IAMR Group's stated goal is to integrate education with entrepreneurship.



VISION

IAMR aspires to be a national leader in graduate and postgraduate education, recognized for the success of our students and alumni, our innovative faculty and staff, and our local, national and international partnership.

MISSION

IAMR inspires intellectual and personal growth in the students, preparing them for meaningful and ethical contribution to a diverse global society.



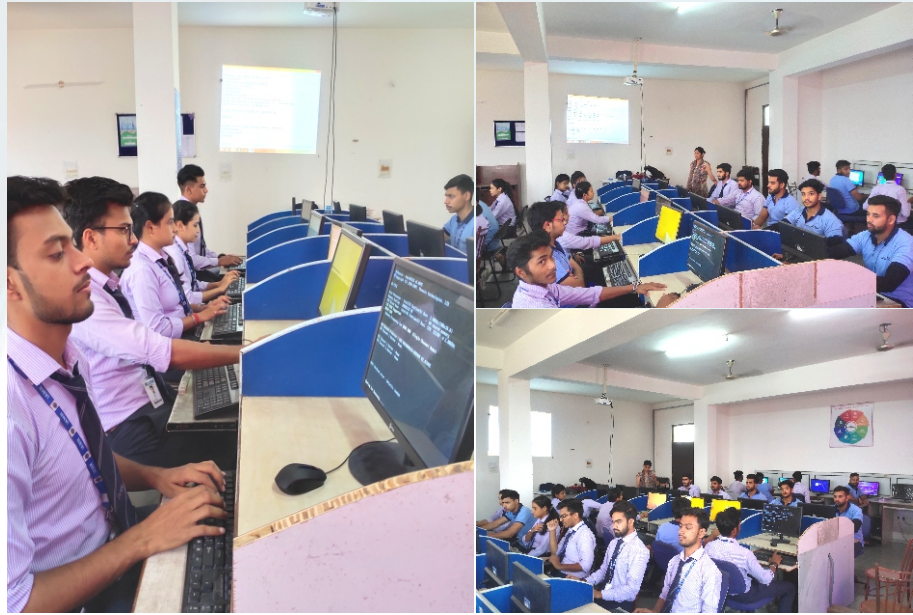
BCA Department Activity Session: 2021-22

Training –Python with Data Science

We, at IAMR provides the training of Python with Data Science. Python is open source, interpreted, high level language and provides great approach for object-oriented programming. It is one of the best languages used by data scientist for various data science projects/application. Python provide great functionality to deal with mathematics, statistics and scientific function. Data Science is the future of Artificial Intelligence. Data science is a field of applied mathematics and statistics that provides useful information based on large amounts of complex data or big data. Data science, or data-driven science, combines aspects of different fields with the aid of computation to interpret reams of data for decision-making purposes. A data scientist is someone who create programming code and combines it with statistical knowledge to create insights from data.

Here are some of the most common job titles and careers in data science:

- Business Intelligence Analyst
- Data Mining Engineer
- Data Architect
- Data Scientist
- Senior Data Scientist



Seminar on “Mobile Security & Hacking Prevention System”

Seminar organized by BCA Department “Mobile Security & hacking prevention system”. Mr. Nilesh kumar from Zupee was the speaker. The speaker emphasis on the prevention of the data in our Mobile. Hackers attack to steal the data from mobile. So, the focus of the event to prevent the mobile from hacking.



Seminar on “Digital Marketing”

The department of BCA of IAMR Group of Institutions has organized a One day Seminar on Digital Marketing. The speaker of the seminar was Mr. Rahul Sharma. He explain about the future and value of digital marketing to the students. Digital Marketing is the need of today’s time & future of the marketing.



IT Club Opening

Added one more feather in BCA Dept of IAMR Group of Institutions a successful opening ceremony of IT Club "TECHIES CLUB" has been inaugurated by MR. Krishna Kumar Singh, IBM. Club is a great way for students to participate in activities they enjoy, learn new skills and meet new people. We can find hidden abilities & capabilities of students through club.



Nasha Mukti Abhiyaan

Department of BCA organized an event 'Nasha Mukti Abhiyaan' or a 'Drugs-Free awareness Campaign' at village Bhikanpur on 27-05-2022. The focal point of the Campaign was to spread awareness among masses regarding ill effects of drugs. Students of BCA performed "Nukkad Natak" to convey ill effects of drugs among rural population. Event also enhanced student's social awareness skills and in-depth understanding of social ills.



Industrial Visit to NCMRWF, Noida

Industrial visits are organized to give practical exposure to students apart from theoretical knowledge. A visit to NCMRWF was organized by IAMR Group of Institutions for students of BCA Department. NCMRWF located to Noida Sec-62. 40 students were visited to know the information regarding the weather, climate & weather forecasting by Senior Scientist 'Dr. Abhijit Sarkar'. A presentation about high performance, computing concept, configuration & usage by 'Dr. B Athiyaman' Senior Scientist.

Regardless came to know the live demo of Super Computers and their working, memory storage.



Webinar on "AI & Machine Learning"

The department of BCA of IAMR Group of Institutions organized a webinar on AI & ML. Inaugurating the webinar, speaker emphasis on the importance of AI & ML in day to day life, and during technological advancement, access to data and development of data has also increased. All the students of BCA gained the informative knowledge about the AI & ML.



Ad mad show & Debate Competition

The BCA Department has successfully organized ad-mad show and debate competition for BCA and BJMC Students.

Ad mad show is an advertisement making competition to show case the creativity in product and services. The event was an opportunity to bring out the individuals and collective talent of student participating in it. It Comprises humorous and conceptual mindset and presentation by the students.

The winners were awarded with attractive prizes. Certificates were presented to all the participating teams.



Webinar on “Python with machine learning”

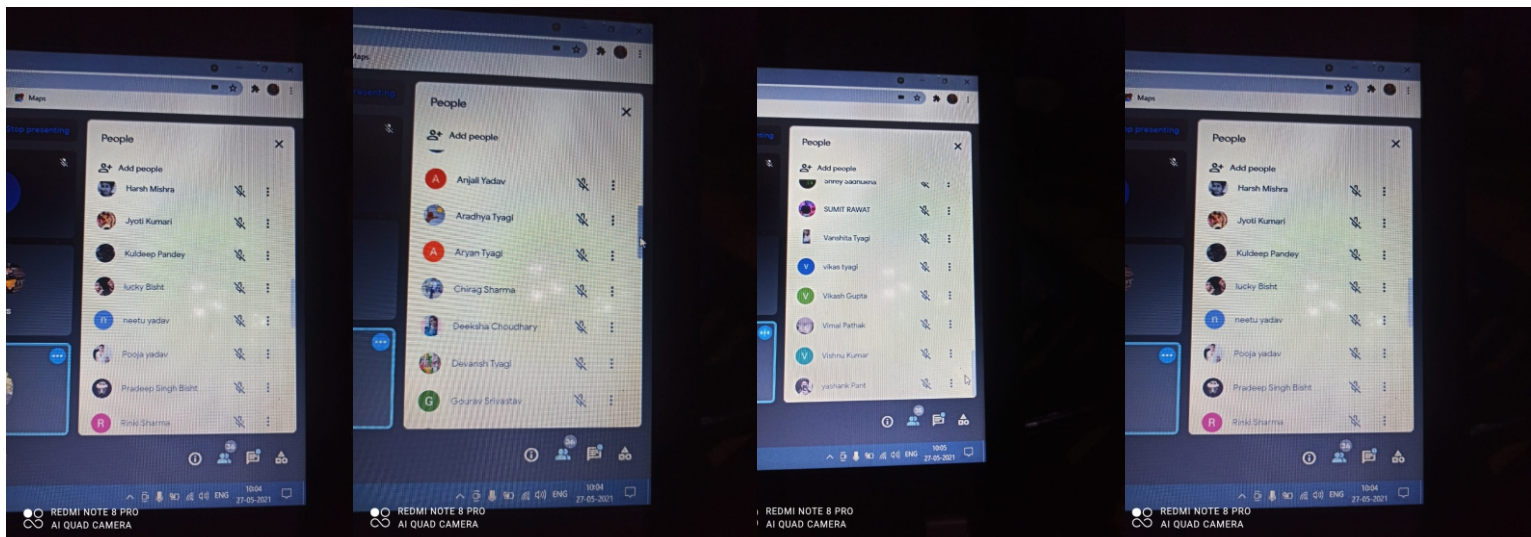
Department of BCA had organized webinar on “Python with Machine Learning”. This program was focused on the importance of Knowing and Machine learning since it is one of the growing trends among the IT people. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves. Machine learning is an application of Artificial Intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. These add to the overall popularity of the language. Additionally, Python is appealing to many developers as it’s easy to learn. Python code is understandable by humans, which makes it easier to build models for machine learning. Many programmers say that Python is more intuitive than other programming languages. Others point out the many frameworks, libraries, and extensions that simplify the implementation of different functionalities. It’s generally accepted that Python is suitable for collaborative implementation when multiple developers are involved. Since Python is a general-purpose language, it can do a set of complex machine learning tasks and enable you to build prototypes quickly that allow you to test your product for machine learning purposes.



Interactive Online Classes

Despite the adoption of online education worldwide, some believe that this mode of learning can hardly compensate for physical classroom learning. Hence Department of BCA, IAMR have been conducted online interactive online classes where the faculties of BCA have given the lectures on job oriented technologies like Java, C/C++, Python, etc.

The outcome of these classes were effective and qualitative for student learning. The students learn that how to fulfil the gap between the industries and syllabi.



Fresher Party

The purpose of the Fresher's Party was to make every new student feel connected as an integral part of the IAMR family and be ready to take on the challenges of the year ahead. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Jovial smiles and high spirits marked the welcome party for the new students.

As a trend of the institute, the party began with the auspicious lamp lighting ceremony and prayers to Goddess Saraswati. The occasion was graced by the presence of Secretary Sir, Joint Secretary Mam, Group Director Sir, HoDs and all faculty members.



Annual Day - "Dreamzspark"

It is an occasion of celebration, felicitation, feast and festivity when students present not only their wonderful performances but also receive honours for their curricular and co-curricular achievements.

Fests provide a platform for students to showcase one's unique talents and are important in the holistic development of the personality of the students, providing a break from the monotonous routine of evaluation and academics. Numbers of competitions are organized for students. Professional artist are also invited as guest or may be as judge so as to encourage more number of students to be a part of the Fest.

And here in IAMR we give equal opportunity to all the students to be a part of our Collegiate Fest "Dreamzspark". Every student has their own areas of interest and accordingly they are assigned task. We believe in promoting creative ideas and a platform for students, to share their knowledge through 'Dreamzspark'. The only aim is to motivate the students to think innovatively and to implement their ideas through the channel know as College Fest.

In Youth Fest Dreamzspark 2022 for Celebrity Night when Popular Singer Singhsta performed on stage. From dancing in the gallery to shining their phone's flashlights, the audience reciprocated his energy.

While the audience sang along to all of his most popular songs including, Billo tu aag, Zara Zara, 4 Bottle Vodka & other Punjabi Super Hits remembering of Diljit Dosanjh & Yo! Yo! Honey Singh. With the note "Thank you so much for your love and blessings IAMR" he signed off.



Annual Sport Function

It was a sunny morning, and it was the day of the annual sports meet in our College, IAMR. All the students were getting warmed up and making themselves games ready. Our college has many potential and great people who are very good at sports. They all have participated in many different games and as it was the annual sports meet so non-sports persons were also taking part very enthusiastically.

The annual sports function of our college was held on 25-26 April 2022 in our college ground. On that day, the atmosphere of the college took a festive look. A great interest was observed among the students and the guardians. All of them came in a large number to enjoy the sports program. All the students and teachers were very energetic that day; enthusiasm could be easily seen in their eyes. Various sports programs like Volley Ball, Badminton, Kho-Kho, Table-Tennis, etc. were organized by the Sports Department on this day in which students participated according to their interests.



Diwali Mahotsavam

Diwali, or Deepavali in Sanskrit, is perhaps the most celebrated Hindu festival in India and stands out as a festival of sparkling lights, fun and joy, and a time for some of the most exquisite delicacies and puja offerings. It is a day when everyone puts on new and colourful clothes, that only adds to the charm and spirit of the festival.



BACHELOR OF COMPUTER APPLICATION

Program Outcomes

BCA program has been designed to prepare graduates for attaining the following specific outcomes:

- PO1: An ability to apply knowledge of mathematics, computer science and management in practice.
- PO2: An ability to enhance not only comprehensive understanding of the theory but its application too in diverse field.
- PO3: The program prepares the young professional for a range of computer applications, computer organization, techniques of Computer Networking, Software Engineering, Web development, Database management and Advance Java
- PO4: An ability to design a computing system to meet desired needs within realistic constraints such as safety, security and applicability in multidisciplinary teams with positive attitude.
- PO5: An ability to communicate effectively.
- PO6: In order to enhance programming skills of the young IT professionals, the program has introduced the concept of project development in each language/technology learnt during semester.

Specialization in BCA

- Personality Development Program
- HTML
- Web Designing
- Android development
- Artificial Intelligence with Machine Learning
- Data Sciences
- Database with Oracle/SQL-Server
- Internet of Things

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Our Courses

BCA | BBA | BPT | MPT | LLB | BA-LLB
BAJMC | MBA | B.Ed. | B.Sc. | M.Sc.

Biotechnology & Microbiology Biotechnology & Microbiology