

**GOVERNMENT COLLEGE, UNA(H.P.)**

UGC Enlisted CPE  
(College with Potential For Excellence)

NAAC Accredited B Grade

**Utkarisht Mahavidalya by HP Govt.**



**राजकीय महाविद्यालय, उना (हि.प्र.)**

यूजीसी सूचीबद्ध  
(उत्कृष्टता की क्षमता वाला कॉलेज)  
एनएएसी से बी ग्रेड मान्यता प्राप्त

**उत्कृष्ट महाविद्यालय, (हि.प्र. सरकार द्वारा )**

## **MCA DEPARTMENT**

# Decennary

*Journey of MCA Department .....*



Mca Department Govt P G College ,Una



[www.govtpgcollegeuna.in](http://www.govtpgcollegeuna.in)



[mca.gpgcuna@gmail.com](mailto:mca.gpgcuna@gmail.com)



01975-226035



01975-226035

# Director's Message



I am thrilled to extend my heartfelt congratulations to the MCA Department on reaching a significant milestone 10 years of dedicated service and unwavering commitment to excellence.

Over the past decade, the MCA Department has consistently demonstrated exceptional dedication to fostering academic growth, research, and innovation. Your unwavering commitment to delivering quality education and producing graduates who excel in the field of computer applications is truly commendable.

Your relentless pursuit of excellence, dedication to nurturing talent, and contributions to cutting-edge research have not only enriched the academic landscape of institution but have also positively impacted the broader community.

As we celebrate this milestone, let us reflect on the accomplishments of the past and look forward to the promising future that lies ahead. I have no doubt that the MCA Department will continue to shine brightly and set new standards of excellence in the years to come.

I extend my warmest wishes to all members of the MCA Department - faculty, staff, and students, for your hard work, passion and relentless pursuit of excellence. May the next decade be even more fruitful and filled with remarkable achievements.

Once again, congratulations on this remarkable achievement, and thank you for your dedication to institution.

Jai Hind- Jai Himachal

**Dr. Amarjeet K. Sharma**  
**Director of Higher Education**





# Chairman's Message



A decade has passed since our college embarked on a journey of excellence, knowledge, and transformation.

It is with immense pride and enthusiasm to celebrate a significant milestone in the history of our institution - the launch of the **"Decennary"** magazine by our esteemed MCA (Master of Computer Applications) Department.

"Decennary" is not just a magazine; it is a chronicle of our collective achievements, aspirations, and stories. It mirrors the diversity of talents, experiences and dreams that define our vibrant college community.

"Decennary" serves as a beautiful mosaic, capturing the essence of these ten remarkable years, a decade filled with accomplishments, challenges, growth, and learning.

This magazine is a testament to the unwavering commitment and relentless pursuit of knowledge displayed by our MCA students, faculty, and staff over the past decade.

"Decennary" is more than just a collection of articles and photographs; it is a window into the world of computer science, innovation and the bright minds that drive our department forward. It encapsulates the spirit of inquiry, creativity and technological advancement that defines our MCA community.

I extend my heartfelt congratulations to the MCA Department, its dedicated faculty members, and the talented students who have poured their passion and expertise into creating this magazine. Your hard work, innovation and collaborative spirit are truly commendable.

Once again, I extend my warmest congratulations to the MCA Department on this remarkable achievement.

Let us celebrate not only the launch of this magazine but also the bright future it represents for our MCA Department and our institution as a whole.

**Dr. Satish Kumar Bansal**  
**Chairman-cum-Principal**  
**Government College Una**

# Coordinator's Message



It is with immense joy and pride that I extend my warmest greetings to you on this momentous occasion - the 10th anniversary of the MCA department at Government College Una.

A decade ago, we embarked on a journey to provide top-notch education in the field of computer applications. Today, as we celebrate this milestone, I am overwhelmed by the progress we have made and the achievements of our students and faculty members.

Our MCA department has been a hub of innovation, knowledge, and growth. We have strived to nurture young minds, equipping them with the skills and knowledge required to excel in the ever-evolving world of technology. Our dedicated faculty members have played a pivotal role in shaping the future of our students.

As we reflect on the past ten years, we can take pride in the accomplishments of our alumni who have made their mark in various sectors, be it IT, academia, or entrepreneurship. Their success is a testament to the quality of education imparted here.

I would like to express my heartfelt gratitude to the faculty, staff, students, and all stakeholders who have contributed to the success of the MCA department. Your hard work, dedication, and passion for learning have been the driving force behind our achievements.

Looking ahead, we remain committed to our mission of providing quality education and fostering a spirit of innovation. We will continue to adapt to the changing landscape of technology and education, ensuring that our students are well-prepared to face future challenges.

As we celebrate this milestone, let us also look forward to the exciting journey that lies ahead. Together, we will continue to shape the future of the MCA department at Government College Una.

Thank you for your unwavering support, and here's to many more decades of excellence!

**Warm regards,  
Puneet Prem Kanwar  
Coordinator , MCA Department  
Government College Una**

# Ex-Coordinator's Message



I trust this message finds you all in good health and high spirits. I'm writing today as the former coordinator of the MCA department with feelings of pride. As we celebrate its remarkable ten-year journey, I want to take a moment to reflect on the significance of this milestone.

A decade ago, our MCA department decided to embark on a journey to document and celebrate the brilliance, creativity, and intellectual rigor of our students and faculty. The result was our beloved departmental magazine, which we fondly named to commemorate its ten-year existence.

Over the years, our magazine has evolved into much more than just a publication; it has become a testament to the remarkable talent and innovation within our department. It has showcased our students' achievements, from groundbreaking research to innovative projects, and has provided a platform for our faculty to share their expertise.

The magazine has served as a bridge between generations, connecting alumni with current students, and fostering a sense of community and pride in our department's achievements. It has been a repository of knowledge, ideas, and inspiration for all who have had the privilege of reading its pages.

I want to extend my deepest gratitude to all the dedicated contributors, editors and designers who have poured their heart and soul into making this magazine what it is today. It wouldn't have been possible without your tireless efforts and commitment.

Under the stewardship of the present coordinator, I am confident that our departmental magazine will continue to thrive and evolve, reflecting the ever-changing landscape of technology and the indomitable spirit of our MCA community.

I encourage each of you to continue contributing your innovative ideas, projects, and insights to keep the magazine a vibrant and dynamic reflection of our department's excellence.

Last but not the least, I want to express my heartfelt appreciation to everyone who has been a part of this incredible journey. Thank you for making our departmental magazine a symbol of innovation, knowledge, and inspiration.

Here's to the next decade of pushing boundaries, breaking new grounds and celebrating the remarkable achievements of our MCA community.

**Warm regards,**  
**Dr. Meeta Sharma**  
**HOD, English Dept. & Coordinator, IGNOU**





## Message

I commenced my journey with the MCA Department a decade ago, in the year 2012. To me, this is more than just a department; it has been a lifelong journey filled with invaluable experiences. Under the leadership of Dr. Amarjeet K. Sharma and the coordination of Prof. Puneet Pream Kanwar, I found myself embraced by a team of seasoned professionals and the unwavering support of my colleagues. These elements combined to make my time within the department truly unforgettable. This department has served as a continuous workshop for learning, encompassing a wide spectrum of knowledge, from academics and administration to human resource management. During my time within the department, I achieved significant academic milestones, including qualifying the UGC NET examination and securing a position in the HPPSC examination as an Assistant Professor in Computer Applications. I deeply miss the cherished lunchtime moments spent with my colleagues, engaging in delightful conversations that added a special dimension to my daily routine.

My administrative journey was equally enriching, thanks to the support of HPTU, which afforded me opportunities such as membership on the Board of Studies and roles as Head Examiner, among other prestigious responsibilities. These experiences have prepared me for future endeavors and leadership roles. The projects undertaken during students' industrial training were pivotal in providing me with top-notch technical exposure. The dedication and commitment of every member of the MCA family, whether during academic pursuits or social activities, constitute the heart and soul of this department. Words fail to capture the depth of my feelings towards this department and institution. I can only convey that my present and future endeavors will always reflect the learnings and good wishes of this MCA Family. To the current students of this department, I would like to emphasize that the institution, particularly the faculty, ranks among the finest in Himachal Pradesh.

Furthermore, I extend my heartfelt congratulations to all the members of this family as we celebrate a glorious decade. I take immense pride in being part of this "**Decennary**". I would like to convey my congratulations to Principal Dr. S.K. Bansal, Coordinator of the MCA Department Prof. Puneet Prem Kanwar, all faculty members, non-teaching staff, and the dynamic students of this department for this remarkable milestone.

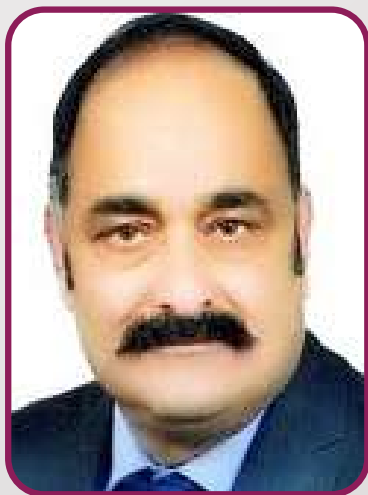
Proud to be the member of this Family from August 18, 2012, to October 8, 2018

**Warm regards,**

**Anil Verma**

**Assistant Professor , Govt. College Amb**

# Legacy of Chairmans



**Dr. Amarjeet K Sharma**  
04/01/2010---22/03/2013



**Dr. S. K. Chawla**  
23/03/2013---31/12/2016



**Dr. Trilok Chand**  
09/05/2017--- 31/03/2022



**Dr. S.K. Bansal**  
01/02/2023 --- Present

# Legacy of Coordinators



**Prof. Puneet Prem Kanwar**  
August 2012 -- March 2013



**Dr. Raman Sharma**  
May 2013 -- August 2014



**Dr. Meeta Sharma**  
November 2014 -- June 2017



**Prof. Puneet Prem Kanwar**  
July 2017 -- Present





# **Alumni Testimonials**



# ANKITA SHARMA



**Senior Network Operations Analyst  
Cetark Corp, Mohali**

I had the privilege of attending Govt College Una, where I pursued my MCA degree under the HPTU University. My time at Govt. College Una was truly transformative and immensely enriching. I acquired invaluable knowledge and skills during my tenure.

The academic staff at Govt. College Una is exceptionally supportive and dedicated, always ready to assist in every possible way. The institution provided me with a robust platform to cultivate and enhance my skills in my area of interest.

My passion lies in the field of cyber defense, and I found incredible mentorship from my teachers who guided and supported me in achieving my goals. During my academic journey, I completed a 6-month internship in network security, which subsequently led to a job offer at Cetark Corp.

Cetark Corp is a leading organization specializing in cyber defense, particularly in managing NOC (Network Operations Center) and SOC (Security Operations Center) operations. My experience at Cetark has been truly remarkable. The company not only offered me a job but also a continuous learning opportunity, allowing me to acquire new knowledge and skills on a daily basis.

Within 1.5 years, I have made significant strides in my career, currently holding the position of a Senior Network Operational Engineer, a testament to my dedication and continuous growth in the field of cyber defense.

In summary, my time at Govt College Una and my experience at Cetark Corp have been pivotal in shaping my career in the field of cyber defense. I am deeply grateful for the educational foundation provided by my alma mater and the ongoing support and learning opportunities offered by Cetark Corp. These experiences have solidified my commitment to pursuing excellence in the field of cybersecurity.

# Rajneesh Kumar



**Senior Software Developer  
(Mobile Developer)  
Codebrew Lab, Mohali**

Govt. Degree College Una's life is a unique and transformative experience, Himachal Pradesh's college areas offer a unique blend of natural beauty, cultural diversity, and educational opportunities. Students who choose to study in this region often find themselves immersed in a truly enriching and holistic learning experience, The college life of MCA (Master of Computer Applications) students can be both challenging and rewarding. Here's an overview of what MCA students might expect during their time in college:

**Academic Rigor:** MCA programs are typically academically rigorous and focused on computer science and software development. Students can expect a heavy workload with assignments, projects, and exams.

**Group Work:** Collaborative projects and group work are common in MCA programs, helping students develop teamwork and communication skills.

**Internships:** Some MCA programs require or strongly encourage students to complete internships in the software industry. This provides real-world experience and networking opportunities.

**Seminars and Workshops:** Colleges often organize seminars, workshops, and guest lectures featuring industry experts to keep students updated on the latest trends and technologies.

**Career Preparation:** MCA programs typically prepare students for careers in software development, IT management, data analysis, and related fields. Career services may help with job placement and resume building.

**Certifications:** Many MCA students pursue additional certifications in areas like cyber security, data science, or cloud computing to enhance their skills and employability.

Innovative staff members bring new teaching methods, technologies, and ideas into the classroom, making learning engaging and relevant. College staff are dedicated to helping students succeed. They provide resources, feedback, and opportunities for improvement. Staff members are culturally sensitive and inclusive create a welcoming environment for students from diverse backgrounds. College staff maintain a high level of professionalism in their interactions with students, fostering a respectful and ethical atmosphere.

Overall, the college life of MCA students is demanding but offers significant opportunities for learning, skill development, and career advancement in the field of computer science and information technology. It's a period of growth and preparation for a rewarding career in the tech industry.



# Harsh Kumar



## A Journey of Hope, Resilience, and Triumph

**Software Developer  
Drish Info Tech, Mohali**

In the heart of Una, nestled among the rolling hills, lies a sanctuary of knowledge and aspiration, the Government PG College Una. It was here that I embarked on a transformative journey, one that would redefine the course of my life and fill it with hope, resilience, and ultimate triumph. In the midst of a global pandemic that sent shockwaves through the job market, my parents made a bold decision to secure my future. They saw a glimmer of opportunity in the field of technology and, with unwavering faith, enrolled me in the Master of Computer Applications (MCA) program at Govt. PG College Una.

As I stepped into the world of coding, algorithms, and data structures, I felt like a voyager in uncharted waters. My background was far from the typical IT enthusiast's, but I was determined to chart my course to success. Little did I know that this journey would be shaped by the incredible individuals I would meet along the way.

One pivotal moment in my college life was the one-month training program, an initiative of Govt. PG College Una. It was during this training that I discovered the missing piece of the puzzle that would secure my future. The skills I honed and the insights I gained were the catalysts that propelled me toward my destiny.

But my college experience was not just about academics and career prospects; it was about personal growth and the bonds forged during those transformative years. The friendships I made and the moments we shared were a tapestry of memories that will forever grace the canvas of my life.

Love Jaswal Sir, with his encyclopedic knowledge and unwavering support, became more than a teacher to me—he became a guiding star. His passion for teaching was infectious, and it ignited a spark within me. Manav Sir's mentoring was a source of constant inspiration, and his dedication to our growth knew no bounds. Upasna Mam, Tanu Mam, and Rajni Mam, each brought their unique brilliance to our classrooms, nurturing our minds and encouraging our dreams.

Govt. PG College Una will forever hold a special place in my heart—a sanctuary where dreams were nurtured, friendships were forged, and the indomitable spirit of human potential was realized.

# Renu Dhiman



**PGT-IP**  
**Dept. of Higher Edu.**

Our tomorrow depends essentially on what we do today, whether winning fame or future, power or position, wealth or goods. Success in life depends on proper planning and execution of plan. Fortunately, I got through in "Govt Post Graduate College Una".

In 2009 I stepped into Una College to earn a degree to enrich my education. I started my journey as a BCA student after completing graduation I did my Masters in Computer Application. 6 years of my journey at Govt PG College Una has played a vital role in building my career. It helped me to discover my own strengths and weaknesses. I developed self-motivation and discipline along with study techniques which I can use for the rest of my life.

Those six years were the marvelous journey of my life. The education and experience during the college days has molded me to shape my career and helped me discover the professionalism within me. I am very thankful and proud to have such a motivating, supporting, and enthusiastic Principal and all teaching staff that have taught me to carry myself through any up hills and challenges of life. Time which I had spent in this college have become the most treasured days of my life, this college has given everything I wanted. Govt PG College Una is the Best platform where teachers not only do their teaching job but also take care of their students like parents who teaches their children good values, trained them in sports and extracurricular activities and build their student's foundation very strong to achieve all Goals for the rest of your life.

It gives me immense pleasure to share my professional journey with you. I am currently working as "Lecturer Computer Science" in Govt Model Sr sec School in Distt Una.

I strongly suggest to all the dear students to listen to the teachers, and believe in them. Take advantage of the sea of knowledge around you and give your best shot to perform well in your studies.

And don't worry... you are in right hands.

Those beautiful college days will always remain evergreen in my memories. Thank you for the experience of a lifetime. It is one I will never forget or take for granted.

# Reeti Jaswal



**Assistant Professor  
Chandigarh University**

I am thrilled to share my remarkable journey through the Master of Computer Applications (MCA) program at Government College Una. These years have been transformative, filled with academic growth, personal development, and unforgettable experiences. In this article, I will take you through the highlights of my time at this esteemed institution.

## **Academic Excellence:**

Government College Una is renowned for its commitment to academic excellence, and my MCA experience was no exception. The faculty members, were not just educators but also mentors who went the extra mile to nurture our intellectual curiosity. The curriculum was thoughtfully designed, covering a wide array of computer science subjects. What set this institution apart was its emphasis on practical learning. We engaged in hands-on projects, coding competitions, and seminars led by industry experts.

## **Personal Growth:**

College life is not just about academics; it's also about personal growth and self-discovery. Government College Una provided a nurturing environment for students to explore their interests beyond the classroom. I actively participated in cultural events, debates, and even volunteered for community service initiatives. The college's commitment to diversity and inclusivity exposed me to different cultures and perspectives.

## **Professional Development:**

Government College Una understood the importance of preparing students for the professional world. The MCA program incorporated internships and projects with reputed organizations and government bodies. These practical experiences not only enhanced our technical skills but also provided valuable insights into real-world challenges.

My MCA journey at Government College Una has been a life-changing experience. It has equipped me with a solid foundation in computer science, fostered personal growth, and prepared me for a successful career. The unwavering commitment of the faculty, the diverse and inclusive environment, and the opportunities for personal and professional development have been the cornerstones of my success.

As I look back on my time at Government College Una, I am filled with gratitude for the support, knowledge, and unforgettable memories that have shaped me into the individual I am today. This institution will forever hold a special place in my heart as the place where dreams were nurtured, and a bright future was paved.



# Ankush Chaudhary



**Software Developer**  
**Drish InfoTech, Mohali**

My time at Govt. College Una as an MCA student was truly transformative. The institution provided a robust curriculum that not only focused on the technicalities of the field but also instilled a deeper understanding of the real-world applications of our studies.

The faculty's unwavering support and expertise played an instrumental role in my academic and personal growth. Moreover, the college environment fostered collaboration, innovation, and lifelong friendships.

I am profoundly grateful for the knowledge and values imparted by college and proudly carry them with me as I navigate the professional realm.

# JASHAN



**Software Developer  
Drish InfoTech, Mohali**

As I reflect on my college journey, I can't help but feel immense gratitude for the transformative experience I had at Government PG College, Una. I am proud to say that I emerged as the gold medalist topper of my MCA course. However, this achievement wouldn't have been possible without the unwavering support, guidance, and inspiration I received from my exceptional teachers.

One of the remarkable aspects of my college experience was the incredible faculty. Their dedication to nurturing young minds and their passion for teaching were truly commendable. Upasna Mam's unwavering support and encouragement. Manav Sir's practical approach to problem-solving was invaluable. He showed us the real-world applications of our studies, bridging the gap between theory and practice. Tanu Mam's classes were not just about textbooks; they were immersive experiences that ignited our curiosity. Her teaching style made complex concepts seem simple, and I always left her lectures with a thirst for more knowledge.

And then there was My college experience was not just about academics. It was a holistic journey of personal growth, self-discovery, and lifelong friendships. I enjoyed every moment spent on the campus, from lively discussions in the library to late-night study sessions with friends.

Government PG College, Una, provided me with the perfect platform to learn, grow, and excel. The values instilled in me by my teachers and the friendships I forged will stay with me throughout my life. I am immensely grateful for this enriching experience that has prepared me for the challenges and opportunities that lie ahead. As I step out of college and into the world, I carry with me the knowledge, confidence, and resilience instilled in me by my teachers. My journey as a gold medalist topper is not just a personal achievement but a testament to the exceptional education I received at Government PG College, Una. It is a tribute to the teachers who believed in me and helped me realize my potential. My college experience has been a journey of excellence, and I can't wait to see where it takes me next.



# Decennary

*The Journey of MCA Department .....*



# Introduction

MCA department is embellishing under the Chairmanship of **Dr. Amarjeet Kumar Sharma** MCA has emerged as the best performing department in the results of the HPTU Examinations. Every year the department is bagging top eight to nine position in the past nine years. Not only in academics but also in other activities the MCA students have excel well. The participation of MCA students in inter-college and departmental activities is commendable.

The MCA Department organizes guest lectures and industrial visits from time to time for the MCA Students in order to build their practical know how of the industry. Recent topics of interest are discussed to make the students ready for the dynamic and turbulent technological up gradations in the IT industry.

English Spoken, Personality Development program and technical workshops on latest technologies is organized from time to time by professional speakers/IT professionals, which is helping the MCA students to develop their interview and technical skills and perform well in placements.

The MCA department is providing the students a number of facilities like smart class rooms, internet lab, library, N-List online journals and books, sports etc.

The MCA faculty under the wise coordinator ship has achieved various milestones for the department. MCA students are well placed in reputed organizations like Tech Mahindra, Northern, Drish Infotech, Bebo Technologies, CS soft solution, think-next Technology and smart web programming, Netsmarts and Government organizations.

As we celebrate the launch of "**Decennary**," a magazine that marks the culmination of ten years of dedicated efforts, we are proud to present a glimpse of the journey our department has undertaken. This publication showcases the remarkable achievements, research breakthroughs, and outstanding contributions of our students, faculty, and alumni to the world of computer science.

# Orientation Programme

*Welcoming students and get familiar.....*

Many orientation programs aim to give students the resources they will need to succeed academically, such as familiarizing them with their campus and the academic supports available to them, as well as giving them opportunities to meet other students and form deep connections.

The objectives of the orientation programs are to familiarize students with the institution's rules and academic requirements, introduce them to their classmates, and teach them about the other institutional members who will support their success.

## Inizio-EduTech-2018

Inizio Edutech 2018 three-day orientation program symbolized a new beginning in the realm of technical education. Mr. Tanvir Singh, the Outreach Officer represented the North Region of Spoken Tutorial, a collaborative initiative involving IIT Bombay, AICTE, and MHRD, delivered a speech regarding the Spoken Tutorial Program. Capt. Sonika Saini Manrai, an Associate Professor at Government College Haroli, addressed our students, focusing on the development of their communication skills. On the second day of Inizio Edutech session on Health and Nutrition started by Dr. Kiran Sharma, an Ayurveda Medical Officer. She enlightened MCA and MBA students about the significance of maintaining a daily balanced and healthy diet, emphasizing the value of nutritious food in our lives. In the afternoon session, a team of experts from Bebo Technologies in Chandigarh, a leading MNC specializing in Testing and Software Development in North India, conducted the proceedings. Mr. Devinder Singh Guleriya commenced the afternoon session, providing guidance to the students on the Testing Domain, its scope, and career prospects within it, as well as in other domains under software development. Following this insightful session, Miss. Shivani and Miss. Sampada conducted a technical workshop on the Testing Domain, providing students with the opportunity to practically apply testing techniques using Selenium, a software testing tool. On the Third day of Inizio Edutech marked the culmination of the MCA Department's Induction Program. The morning session was led by a team of experts from ANV Solutions in Chandigarh, a prominent IT solutions company. Mr. Puneet Sharma, the Director of ANV Solutions, addressed the students and conducted a hands-on session focusing on various graphical tools. Then program was concluded by signing the MOU between the ANV solutions and Govt.P.G COLLEGE UNA(H.P).





# Inizio- EduTech-18





In year 2019 MCA Organized its Orientation Programme with new title **"Resonance"**

Principal-cum-Director Dr. Trilok Chand emphasized the manifold growth in India's technical education system, urging students to focus on building their character for future success.

MCA Coordinator Prof. Puneet Prem Kanwar welcomed the students, advised them to excel in all aspects, and highlighted the institute's facilities and future plans. On the first day. Mr. Sachin Rao delivered a motivational lecture on the importance of health and fitness, emphasizing their role in overall well-being. The second resource person, Mr. Diwanshu Tangri, and AI Developer Mr. Simran Singh from Sachtech Pvt. Ltd. Mohali conducted a practical session on Artificial Intelligence.

On the second day, Captain Sonika Manrai addressed the students on communication skills, interview techniques, and confidence building. An MOU was signed between Think Next and the MCA Dept. of Govt. College UNA.

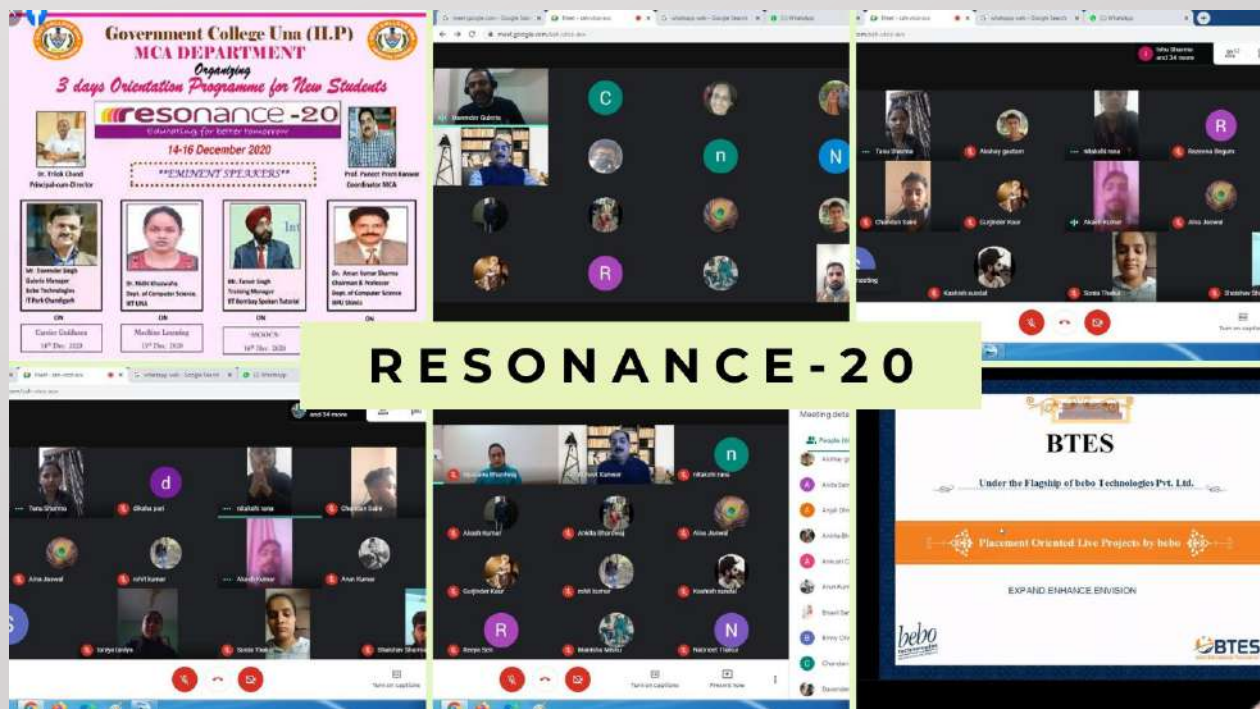
The third and final day came to a close with Dr. A.L. Sangal from NIT Jalandhar, who spoke about information security and the importance of maintaining a positive attitude and self-respect. Dr. Munish Sabahawal from CU, Mohali, discussed the significance of online courses and certifications, encouraging students to register for such programs.





In the face of adversity and the challenges posed by the COVID-19 pandemic, the MCA Department has remained unwavering in its commitment to providing a stellar orientation experience for our incoming students. Department have embraced technology to deliver orientation programs that are not only informative but also engaging and interactive. Faculty and staff have gone the extra mile to create a sense of belonging, even in a virtual environment.

The first day commenced with an enlightening session led by Mr. Davender Guleria, the Manager of Bebo Technology in Chandigarh. Mr. Guleria delved into the challenges and career prospects within the dynamic IT industry. Second day, Dr. Nidhi Khushwaha from IIIT, Una, offered insights into the intriguing field of Machine Learning. Third day our resource person was Mr. Tanvir Singh, Training Manager at IIT Spoken Tutorials, Mumbai, shared valuable information about Massive Open Online Courses (MOOCs), shedding light on their significance in the realm of education. On the same day in the evening session the program continued with Dr. Aman Kumar Sharma, Chairman, and Dean of HPU Shimla, who discussed the remarkable ascent of the IT sector, even amidst the challenges posed by the Covid-19 pandemic. This holistic orientation program aimed to equip our new MCA students with the knowledge and perspective needed to thrive in the ever-evolving landscape of information technology.





The MCA Department orchestrated a spectacular three-day orientation program, akin to crafting a vibrant tapestry of knowledge, community, and inspiration. In those three days, our MCA family unfurled the sails of curiosity, steering through the uncharted waters of academia with enthusiasm and zeal. Each day was a brushstroke on the canvas of your educational journey, painting vivid landscapes of possibilities. The 3-day Orientation Programme "**Resonance-21**" by the MCA department for our new students (2021-22). Program was graced by the esteemed presence of Shri Vimukt Ranjan (IPS), Commandant 1st IRB Bangarh Una, H.P, who inaugurated the proceedings as the Chief Guest. We were honored to have Shri Harshveer Singh Jaspal, Managing Director of Drish InfoTech Chandigarh, as our Keynote Speaker for the day. Continuing the enriching program, we welcomed Shri Devender Guleria, Head of Bebo Technology, IT Park Chandigarh, as the Keynote Speaker on the second day.





Year after year, like the steady rhythm of a well-composed symphony, the MCA Department has orchestrated its three-day orientation program, a cherished tradition that began in 2018 and continued unflinching until 2022.

With each passing year, our commitment to fostering academic excellence and nurturing budding talents has only grown stronger. Like a perennial river, our dedication to the cause of education has flowed consistently, undeterred by the challenges that life may throw in our path.

With each passing year, the MCA Department's annual orientation program has been a testament to our unwavering commitment to education and community.

MCA Department of Government College Una organized a Orientation Programme "Resonance-22" for new students which is inaugurated by Dr. Amit Sharma (IAS), Addl. Deputy Commissioner, Una as the chief guest. Officiating Principal Dr. Darshan Dhiman , MCA Coordinator Prof. Puneet Prem Kanwar were also present.

In the years to come, let us continue to foster a sense of belonging and community among our students. Let us create an environment where every individual feels valued, supported, and encouraged to explore their full potential.





## One Week Open Source & Red Hat Linux Workshop

"In January 2014, the MCA department hosted a highly successful technical workshop focusing on open source software and the renowned Red Hat Linux distribution. This two-day event aimed to educate participants about the principles of open source, introduce them to Red Hat Linux, and provide hands-on experience in Linux administration. With a diverse audience of students, faculty, and professionals, the workshop facilitated knowledge sharing and practical skill development. Participants left with a deeper understanding of open-source technologies and enhanced Linux proficiency, marking the event as a significant achievement for the department."





## TECHNICAL WORKSHOPS

### Wings (The Advent of Future Researchers)



"Wings: The Advent of Future Researchers"

Wings, the eagerly awaited event of the academic year, took flight as students delved into the realm of groundbreaking technologies. This captivating event witnessed a convergence of innovation and knowledge, where students not only presented their findings but also crafted insightful papers on a diverse range of topics.

1. Google Glass.
2. RFID Tags.
3. Blue Brain.
4. Java Rings.
5. Blue Eye.
6. 5G Network.
7. Big Data.



Wings 2023 was an unforgettable journey into the future, where students not only showcased their passion for technology but also ignited discussions on the ethical, social, and practical implications of these advancements. The event served as a reminder of the boundless possibilities that emerge when knowledge meets innovation, inspiring us all to reach for the skies in our pursuit of a better, technologically enriched world.



## 21 Days Python Workshop

The 21-Day Workshop on Bootstrap and Django Framework, conducted for the students of the MCA (Master of Computer Applications) department, was a highly successful and enriching learning experience. It aimed to provide in-depth knowledge and practical skills in web development using Bootstrap and Django to empower our MCA students with valuable expertise in the field.

The primary objectives of the workshop were as follows:

- To introduce students to the fundamentals of web development, with a focus on front-end design using Bootstrap. To equip students with the skills necessary for back-end web development using the Django framework.

The 21-Day Workshop on Bootstrap and Django Framework proved to be a valuable learning experience for the MCA students. It equipped them with the knowledge and skills required for modern web development and prepared them for future challenges and opportunities in the field.



### **3 Days Cyber Security Workshop**

The workshop aimed to provide students with a comprehensive understanding of cyber security fundamentals, emerging threats, and best practices to equip them with the knowledge and skills required for a career in the dynamic field of cybersecurity.

#### **Workshop Highlights**

1. Cyber Security Fundamentals
2. Hands-On Practical Sessions
3. Current Threat Landscape
4. Ethical Hacking and Penetration Testing

As we continue to witness the growing significance of cyber security in our digitally connected world, we remain committed to offering more educational opportunities and workshops to equip our students with the skills and knowledge needed to excel in this critical field.





## 2 Weeks IoT Workshop

The IoT (Internet of Things) was a significant and enlightening event for the MCA (Master of Computer Applications) students. It was designed to provide students with a comprehensive understanding of the IoT ecosystem, its applications, and practical implementation. The workshop aimed to equip participants with the knowledge and skills necessary to harness the potential of IoT in today's digital age.

Goals of the workshop

- To introduce students to the concept and significance of the Internet of Things.
- To explore the various components, technologies, and protocols involved in IoT.
- To provide hands-on experience in building IoT applications and projects.

**Projects designed by students during workshop.**

1. LED blinking in Arduino
2. Integrating DHT Sensors & read temperature and humidity.
3. Smart Home with Google Assistant & Alexa Using NodeMCU



DEVELOPING  
PROJECT





# Industrial Visits

## Industrial Visit 2015 UNA - GOA



UNA TO GOA



## Industrial Visit 2016 UNA - KERLA





**Industrial Visit 2017**  
**UNA - Delhi, Jaipur & Agra**



**Industrial Visit 2018**  
**UNA - CHANDIGARH,**  
**BIKANER, JAISLMER, JAIPUR**





**Industrial Visit 2019**  
**UNA - CHANDIGARH, JODHPUR, JAISLMER, JAIPUR**



**Industrial Visit 2021**  
**UNA - CHANDIGARH, DEHRADUN & NAINITAL**





# Industrial Visits

## Industrial Visit 2022 UNA - CHANDIGARH, BIKANER, JODHPUR, JAISLMER, JAIPUR



## One day Industrial Visit 2023 UNA - CHANDIGARH





# Management-cum-Tech Fest

The collaborative efforts of the MBA and MCA departments resulted in a remarkable Management cum Tech Fest in July 2022. This grand confluence of management expertise and technological innovation left an indelible mark on our academic legacy. The event brought together students, professionals, and experts from diverse backgrounds to exchange ideas, share knowledge, and explore the boundless possibilities at the intersection of management and technology.





## Faculty Development Program

The MCA department organized a two-day Faculty Development Program (FDP) in collaboration with IQAC on the topic of "ICT in Education" on April 1st and 3rd, 2023. Such initiatives are vital in ensuring that faculty members stay updated with the latest trends and technologies in education. This FDP likely had a significant impact on both faculty members and, by extension, the quality of education provided at your institution.

An excellent initiative! Faculty Development Programs (FDPs) play a crucial role in enhancing the skills and knowledge of educators, ultimately benefiting students' learning experiences.

Such programs are instrumental in training faculty members to effectively use Information and Communication Technology (ICT) tools and resources in teaching and learning. They help educators adapt their teaching methods to suit the digital age, making education more engaging, accessible, and efficient.





## New Uniform Launch

On February 14th, 2022 MCA Department launched new uniform characterized by carbon black trousers and steel grey shirts, has been carefully chosen to reflect the core values and principles that define our academic community.

Carbon black is a color that represents sophistication, strength, and timelessness. Steel grey, on the other hand, embodies qualities such as resilience, adaptability, and innovation.

This dress code is not just about attire; it symbolizes a commitment to professionalism, unity, and a sense of belonging within our department. This dress code launch is not just about clothing; it's about fostering a sense of pride in being part of our MCA department. It's about creating an environment where students feel inspired, faculty members feel united, and everyone feels a sense of belonging.



### Unveiling of Statues



### Cake Cutting Ceremony





## University Youth Fest

The youth fest is not just an event; it's an opportunity waiting to be seized. It's a stage where your potential transforms into performance, where your dreams evolve into reality. Your participation in this fest isn't just about joining in; it's about standing out!

Remember, it's not the fear of failure but the courage to participate that defines a true champion. It's about breaking free from your comfort zone, pushing your boundaries, and discovering your hidden talents.



**Second Prize to Solo Dance.**



**HPTU Youth Fest 2019 Winners**



**First Prize to Group Dance**



Kiran Kondal  
won First Prize in Dance Classical in  
UTKARSH-2023

Students Participated in "UTKARSH-2023"  
a Management Fest Organized by  
Business School Nagrota Bagwan.



Govt. College Una  
Won  
"Overall Best College" in UTKARSH-2023



## Student Participation



Students Participation in Tech Fest organized by CGC Jhanjeri.



Students performing group dance in Annual Function



Students (Reeya, Manisha, Bhawna) won 3rd Prize in Rangoli Competition Organized by District Election Office



Students Design and representing Models



Tree Plantation in College Campus



## Student Participation



Girls of MCA Department Participated in HPTU First Youth Festival & Won First Prize in Gidha



Students of MCA department had set up a stall for the awareness on how to use Digital Mobile Banking Apps & Other Social Mobile Apps. and Stall also visited by Industrial Minister "Sh. Mukesh Agnihotri".



Students Participation in Fun Games/ Frolic games



# Aaradhana

"Aaradhna" embodies the spirit of compassion and empathy, aiming to uplift the less fortunate, especially children who face the brunt of poverty's harsh realities. Through this initiative, we extend a helping hand to those who need it the most, nurturing their dreams and aspirations.

In the heart of "Aaradhna" lies a commitment to education as a means to break the cycle of poverty. We believe that education is not just a tool for knowledge but a key to unlocking doors of opportunity. With educational support, mentorship, and access to resources, we empower these children to dream big and achieve their goals.



### **Prof. Upasna Sharma**

- Pursuing PhD from Punjabi University Patiala.
- Paper Presented in National conference on Advancement of Technologies "Soft Computing" with Title 'Intelligent Agent Technology', at GLA Group of Institutions, Mathura.
- Attended a 5days Short Term Programme on "ORACLE" organized by NITTTTR, Chandigarh at NITTTTR Chandigarh.
- Attended a 10 days FDP on "C# Programming" conducted by Microsoft Global Technical Support Centre, Bangalore at Rayat Bhahra Group of Colleges ,Ropar .
- Attended a 5 days residential workshop on 'Human Values' organized by HPTU, Hamirpur, at SIRDA College, Sunder Nagar.
- Attended Faculty Development Programme on "Latex" organized by Spoken Tutorial IIT Bombay.
- Delivered online Lecture On "Fake News Detection Using Machine Learning " At HPTU Campus.
- Attended one week National Workshop on "Business Model Canvas" organized by the Social Media, Institution's Innovation Council (IIC), Dr B R Ambedkar National Institute of Technology Jalandhar
- Attended National level Webinar on "AI Tools for Academic Research" organized by school of Computer Science and Engineering, Faculty of Engineering and Technology Jain University Banglore.
- Presented a paper on "Review of Feature Extraction Techniques for Fake News Detection" in 4th International Conference on Advances in Information Communication Technology & Computing (AICTC), organized by BMK Global Foundation in Association with Springer.
- Technical Speaker in FDP on ICT organized by IQAC Cell in collaboration with MCA Department.

### **Prof. Love Jaswal**

- Attended 5 days residential workshop on 'Human Values' organized by HPTU, Hamirpur, at Laureate Institute of Pharmacy, Kathog.
- Attended a 8 days residential Faculty Development Programme organized by HPTU, Hamirpur, at NIT-Hamirpur.
- Attended Faculty Development Programme on "LateX" organized by Spoken Tutorial IIT Bombay.
- Attended one week National Workshop on "Business Model Canvas" organized by the Social Media, Institution's Innovation Council (IIC), Dr B R Ambedkar National Institute of Technology Jalandhar.
- Attended SERB sponsored Five days workshop on "Recent developments in Machine Learning and its Applications "organized by Indian Institute of Information Technology Una.
- Technical Speaker in FDP on ICT organized by IQAC Cell in collaboration with MCA Department.
- Technical Support in International Conference Changing Trends in Diasporic organized by English Department ,Govt.P.G College Una(H.P)
- Completed a certification exam on "The Fundamental of Digital Marketing " through Google Digital Unlocked.
- Attended One-Week Online FDP on "Internet of Things" organized by E&ICT Academy IIT Guwahati.
- Attended one day workshop on" Choice Based Credit System-Issues and Challenges" at HPTU Hamirpur.
- Delivered a guest lecture on "Internet of Things" at KC Group of Institution.
- Completed online course on "R-Programming , Fundamental to Data Analysis".



### **Prof. Rajni Kaushal**

- Attended UGC approved 1 week online Short Term Professional Development Programme on NEP organized by IGNOU.
- Attended a Short Term Course on “Security in Artificial Intelligence: Strategies and Best Practices” organized by Department of Computer Science & Engineering, Dr. B.R Ambedkar National Institute of Technology Jalandhar Punjab.
- Attended National Level Webinar on “AI Tools for Academic Research” organized by school of Computer Science and Engineering, Faculty of Engineering and Technology Jain University Bangalore.
- Attended Faculty Development Programme on “Libre Office” organized by Spoken Tutorial IIT Bombay.
- Technical Speaker in FDP on ICT organized by IQAC Cell in collaboration with MCA Department.

### **Prof. Manav Thakur**

- Attended a Short Term Course on “Security in Artificial Intelligence: Strategies and Best Practices” organized by Department of Computer Science & Engineering, Dr. B.R Ambedkar National Institute of Technology Jalandhar Punjab.
- Attended one-week National Workshop on “Business Model Canvas” organized by the Social Media, Institution's Innovation Council (IIC), Dr B R Ambedkar National Institute of Technology Jalandhar.
- Attended Faculty Development Programme on “Libre Office” organized by Spoken Tutorial IIT Bombay.
- Attended National Level Webinar on “AI Tools for Academic Research” organized by school of Computer Science and Engineering, Faculty of Engineering and Technology Jain University Bangalore.
- Technical Speaker in FDP on ICT organized by IQAC Cell in collaboration with MCA Department.
- Technical Support in International Conference organized by English Department ,Govt.P.G College Una(H.P)

### **Prof. Tanu Sharma**

- Pursuing PhD from Dr.B. R. Ambedkar NIT Jalandhar Punjab.
- Published research paper on “Evaluation of Electromyogram Signals in the Control of Prosthetic Limb: A Review” in Current Signal Transduction Therapy.
- Attended one-week National Workshop on “Business Model Canvas” organized by the Social Media, Institution's Innovation Council (IIC), Dr B R Ambedkar National Institute of Technology Jalandhar.
- “One-day Training Program on “Machine Learning Techniques and its Applications” organized by Department of “Electronics and Communication Engineering”.
- Attended National Level Webinar on “AI Tools for Academic Research” organized by school of Computer Science and Engineering, Faculty of Engineering and Technology Jain University Bangalore.
- Attended 5 days online national level workshop on “Systematic Literature Review of Literature on VOS Viewer” organized by GOMSGURU Academy Bangalore.

## Memorandum of Understanding

1. AMP Solutions Pvt Ltd Chandigarh - 2017
2. ANV SOLUTION Chandigarh - 2018
3. Think Next Solution - 2019
4. CS SOFT SOLUTION, MOHALI - 2021
5. Sach Tech Solutions Pvt. Ltd, Mohali - 2021
6. Smart Programming Mohali-2022
7. Pacifist Digi Creative Solution Pvt. Mohali-2022
8. Space Window Pvt. Ltd. Mohali-2023



MoU signed between CS Soft Solution ,  
Mohali and MCA Dept. Government College  
Una



MoU signed between Think Next  
Chandigarh, Mohali and MCA Dept.  
Government College Una



MoU signed between Space Window ,  
Mohali and MCA Dept. Government College  
Una



## University Position

### Gold Medalist



**Jyoti Sharma**  
Gold Medalist  
202-15



**Reeti Jaswal**  
Gold Medalist  
2014-17



**Priyanka Jaswal**  
Gold Medalist  
2015-18



**Jashan**  
Gold Medalist  
2020-2022

### Silver Medalist



**Renu Dhiman**  
Silver Medalist  
2012-15



**Nikhil Jaswal**  
Silver Medalist  
2013-16



**Shilpa Kumari**  
Silver Medalist  
2015-18



**Simran Kaur**  
Silver Medalist  
2020-2022

### Other University Positions



# Placements

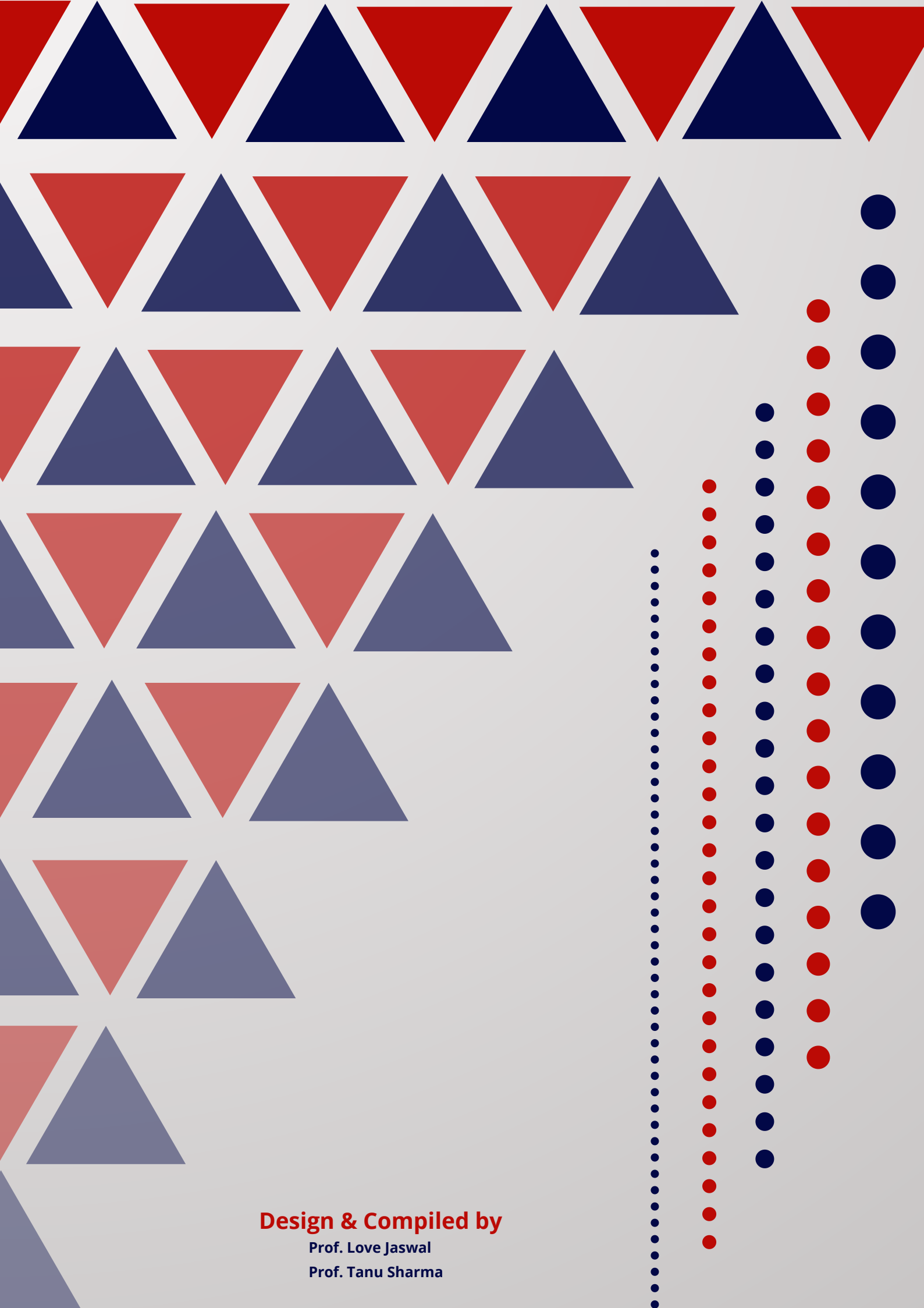


## PLACEMENTS

 Yogesh Writlab	 Indu Countriverz	 Reeya Avology Technology	 Harsh Verma Drish InfoTech	 Anil Apidots Pvt. Ltd.	 Kashish Code Brew Labs	 Rohit Toxsl Technology	 Kartik Think360	 Tanya Cetark Corp	 Pratham Cetark Corp	 Bhavna Cetark Corp	 Jashan Drish InfoTech	 Pankaj Sunfocus		
 Ravi Kumar Agile Tech	 Ankita Sharma Cetark	 Gurjinder Visibility Gurus	 Nidhi Sharma Nitx Game Pvt. Ltd	 Navneet Singh Autviz Solution	 Sonia Thakur Knack Global	 Shilpa Rowdtech	 Eneha WebRoot Technologies	 Simran Kaur Navixel Solution	 Rajneesh Code Brew Lab	 Diksha Puri Abaca	 Reema Oceana Tech	 Mandeep Kaur Navixel Solution	 Rahul Cogniter Technologies	 Diksha Rowdtech
 Sudanshu Sharma Umar Ujala Web Services	 Akshay Vyas R4 Solutions Inc	 Tajinder Expobiz	 Deepak Baseline IT Development Baseline IT Development	 Kushal Sharma Coding Hub	 Shikha Thakur Freelancer	 Navjot Kaur Freelancer	 Prabhjot Kaur Freelancer	 Shiv Darshan Step2Gen	 Marju Bala Urban Web Technologies	 Vishal Knack Global	 Prachi Shaping Careers	 Mukesh Rana Krishna Innovative Software	 Shruti Sharma Netscape Lab	 Ratika Satguru Technology
 Vinay Step2Gen	 Kamal Jeet CCE Teleperformance	 Tarun Kreativan Technologies	 Hari Darshan Foive Info Global	 Sachindeep Kaur Zapbuld Technologies	 Anjali Toxsl Technologies	 Gursharan Kaur Agilys Software	 Deeksha Dhiman Shredesign Infonet	 Aakash ITC	 Bandana Chaudhary Technaira	 Ravi Kumar Mobilyte Solutions	 Amit Dogra Indiar software Solution	 Lipsi MSM infotech	 Anshu Sharma SPARK Edukuz Technology	 Rohit Thakur Entrepreneur
 Swati Digispice Technology	 Monika Harttron Chd.	 Meenakshi Capgemini	 Vishal Tradebuilder Technologies	 Amardeep Kung Telemare software	 Dimple Techmarbles Solution	 Ratika Inlye SEO Gliders	 Vaneet American Express	 Rajat Sharma Instanserve LLC	 Aachana Saini CS Soft Solutions	 Rajat Joshi HP Police	 Amit Kumar Northern Softch	 Vikrant JQA(IT)-HPSEB	 Amanpreet Sharma Punjab State Power Corp. Ltd	 Renu Shuman PCTPP
 Deepika Sartan CS Soft Solutions	 Reeta Graycell Technologies	 Seema Sharma Techmarbles Solution	 Neha Sharma Technospike IT solution	 Palak Sharma GS Vacuum Solution	 Vikram Build Grow Scale	 Satpal Shimmero India LLP	 Parvati Rana Paradise Techsoft	 Pooja Minhas Drish Info Tech	 Jaswinder Kaur Inlye SEO Gliders	 Neha Thakur Drish infotech	 Preeti Saini Cnroid Technologies	 Babita Jaiswal Swastik Web Tech	 Sonam CO-HPSEB	 Jyoti Sharma Freelancer







**Design & Compiled by**

Prof. Love Jaswal

Prof. Tanu Sharma