

**Shanti Devi Arya Mahila College Dinanagar, Punjab-143531**



## **DVV - Responses**

### **Criterion 1: Curricular Aspects**

**1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)**

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- **DVV Comment:** Please provide the required details in the prescribed data template.

<b>DVV Response</b>	<b>Link of the relevant Document</b>
Revised Data Template 1.2.1	<a href="https://shantidevicollege.org/public/web_images/695/1.2_1_data_template_(okk)_1_.pdf">https://shantidevicollege.org/public/web_images/695/1.2_1_data_template_(okk)_1_.pdf</a>

- **DVV Comment:** Please provide CLEARLY SCANNED YEAR-WISE list of the students enrolled in program along with signature of students along with the results of courses joined.

<b>DVV Response</b> (List of students enrolled with signature of students and results of courses joined)	<b>Link of the relevant Document</b>
2018-19	<a href="https://shantidevicollege.org/public/web_images/695/add-on_courses_2018-19.pdf">https://shantidevicollege.org/public/web_images/695/add-on_courses_2018-19.pdf</a>
2019-20	<a href="https://shantidevicollege.org/public/web_images/695/add_on_course_2019-2020.pdf">https://shantidevicollege.org/public/web_images/695/add_on_course_2019-2020.pdf</a>
2020-21	<a href="https://shantidevicollege.org/public/web_images/695/add-on_course_2020-21.pdf">https://shantidevicollege.org/public/web_images/695/add-on_course_2020-21.pdf</a>
2021-22	<a href="https://shantidevicollege.org/public/web_images/695/add-on_courses_2021-22.pdf">https://shantidevicollege.org/public/web_images/695/add-on_courses_2021-22.pdf</a>

2022-23	<a href="https://shantidevicollege.org/public/web_images/695/add-on_course_2022-23.pdf">https://shantidevicollege.org/public/web_images/695/add-on_course_2022-23.pdf</a>
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- **DVV Comment:** Please must provide certificates for the AY 2018-19- 16, 2019-20- 20, 2020-21- 15, 2021-22- 15, 2022-23- 15 of the student for each program year-wise for the last five years.

<b>DVV Response</b> (Model Certificates of Add-On courses)	<b>Link of the relevant Document</b>
2018-19	<a href="https://shantidevicollege.org/public/web_images/695/add_on_course_certificates_2018-19.pdf">https://shantidevicollege.org/public/web_images/695/add_on_course_certificates_2018-19.pdf</a>
2019-20	<a href="https://shantidevicollege.org/public/web_images/695/add_on_course_certificates_2019-20.pdf">https://shantidevicollege.org/public/web_images/695/add_on_course_certificates_2019-20.pdf</a>
2020-21	<a href="https://shantidevicollege.org/public/web_images/695/certificates_add_on_2020-21.pdf">https://shantidevicollege.org/public/web_images/695/certificates_add_on_2020-21.pdf</a>
2021-22	<a href="https://shantidevicollege.org/public/web_images/695/add_on_certificate_2021-22.pdf">https://shantidevicollege.org/public/web_images/695/add_on_certificate_2021-22.pdf</a>
2022-23	<a href="https://shantidevicollege.org/public/web_images/695/dmc_2022-23.pdf">https://shantidevicollege.org/public/web_images/695/dmc_2022-23.pdf</a>

- **DVV Comment:** Please provide summary report of each program  
**DVV Responses** regarding said comment are as follows:

## **Summary Report of Add-on course in Web-Designing**

Web-Designing course includes the realm of web-design, which helps to understand the working of HTML and after gaining this knowledge, one can proceed for more advanced and complicated structures/concepts of web design. A list of tasks (website evaluation, website development, reflective report, collaborative website development, website self-assessment), as well as several group activities (discussions, online resource sharing, collaborative work) will help to gain practical experience on web development and a thorough understanding of web design issues. The major outcomes of this course are:

- One can investigate how does the web works really, what makes web sites work.
- Knowledge of Simple and impressive design techniques, from basics to advance to focus on goal oriented and user centric designs.
- To create web elements like buttons, banners & Bars and of course complete UI designs.
- Tool to create international standard websites.
- Forms and validations for created website.
- Writing valid and concise code for webpages.
- Best use of social media for revenue generation.
- Setting up a perfect landing page for business, clients and yourself.

Every year, the students from various departments get enrolled in Add-on course in Web-Designing. During a period of five years (2018-2023), 115 students have joined this course and passed with good theoretical as well as practical knowledge.



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## **Summary Report of Add-on course in Taxation**

Taxation is a method initiated by the government of a country to collect tax from the citizens to pay for various public-related expenses. Taxation courses provide knowledge to the students on local, federal and state taxes. The students who get themselves enrolled for the courses solve complex problems related to taxation. Students who wish to study Taxation have numerous course options available to them. They can take up certificate courses, diploma courses as well as degree courses. Courses are available in both offline as well as online mode.

### **Scope of Taxation Courses and Job Opportunities**

- Tax policy analyst
- Tax recruiter
- Tax advisory
- Tax examiners
- Revenue agents
- Tax manager
- Tax collectors
- Tax accountant.

The responsibilities of a Tax Accountant include preparing documents related to tax returns, advising on investment opportunities, assisting clients with income tax statements, developing different types of strategies to minimize the income tax. Taxation training can help individuals and organizations to understand and comply with the complex tax laws and regulations in their jurisdiction. By understanding tax laws and regulations, individuals and organizations can avoid costly penalties for non-compliance. Taxation training can provide individuals and organizations with the knowledge and tools to plan their finances and minimize their tax liabilities.

Individuals and organizations with a deep understanding of taxation are often seen as more credible and trustworthy by stakeholders such as clients, investors, and government agencies. During a period of five years (2018-2023), 81 students have joined this course and passed with good theoretical as well as practical knowledge about tax laws and their liabilities as a responsible

citizen. A solid understanding of taxation can make individuals more marketable to employers seeking candidates with tax-related skills and knowledge.



## **Summary Report of Add-on course in Computer fundamentals and Internet**

Computer fundamentals and the internet form the backbone of modern technology. Understanding computer fundamentals involves grasping the basic concepts of computer hardware, software, and operations, which are essential for effectively using technology in various fields. The internet, a global network connecting millions of computers, has revolutionized the way we access information, communicate, and perform daily tasks. Together, these subjects provide the foundational knowledge necessary for navigating the digital world.

### **Program Outcomes:**

- **Technical Proficiency:** Students gain a solid understanding of computer hardware components, software applications, and operating systems, enabling them to troubleshoot basic technical issues and optimize computer performance
- **Digital Literacy:** Learners will develop essential skills for using common software applications such as word processors, spreadsheets, and presentation tools, which are crucial for academic and professional success.
- **Internet Navigation:** Participants will learn to effectively use the internet for research, communication, and collaboration. This includes mastering search engines, utilizing online databases, and understanding internet safety and privacy.

- **Problem-Solving Skills:** The program will enhance critical thinking and problem-solving abilities by teaching students how to approach and solve technical problems systematically.
- **Communication and Collaboration:** Students will become proficient in using various online communication tools, such as email, video conferencing, and social media platforms, to collaborate effectively in a digital environment.
- **Ethical Awareness:** The program will instil an understanding of the ethical considerations and responsibilities related to computer use and internet activity, including issues of cyber security, digital rights, and intellectual property.
- **Lifelong Learning:** Students will be equipped with the foundational knowledge and skills necessary to adapt to rapidly evolving technologies, ensuring continuous learning and professional development in the digital age.

During a period of five years (2018-2023), 86 students have joined this course and completed with good theoretical as well as practical knowledge of Computer Fundamentals and Internet.



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## **Summary Report of Add-on course in IT & Multimedia**

Information Technology (IT) and Multimedia are the basics in shaping the digital era. IT involves the use of computers and telecommunications to store, retrieve, transmit, and manipulate data, while multimedia integrates multiple forms of content such as text, audio, video, graphics, and animation to create engaging and interactive experiences. Together, IT and multimedia drive innovation and efficiency across various sectors, from business and education to entertainment and

healthcare. Understanding these fields equips individuals with the skills needed to thrive in a technology-driven world.

### **Program Outcomes**

- **Technical Proficiency:** Students will develop a strong foundation in IT concepts, including computer hardware, software, networking, and database management, as well as multimedia tools and technologies used for creating and editing digital content.
- **Creative Skills:** Learners will enhance their creativity by mastering multimedia production techniques, such as graphic design, audio and video editing, animation, and interactive media design, enabling them to produce compelling and professional-quality content.
- **Integration of IT and Multimedia:** Participants will learn to seamlessly integrate IT solutions with multimedia applications, enhancing the functionality and appeal of digital products and services.
- **Problem-Solving Abilities:** The program will cultivate critical thinking and problem-solving skills, empowering students to identify and address technical and creative challenges effectively.
- **Project Management:** Aspirants will gain experience in managing IT and multimedia projects from concept to completion, including planning, execution, and evaluation, ensuring the delivery of high-quality results on time and within budget.
- **Adaptability and Lifelong Learning:** Students will be prepared to adapt to rapidly changing technologies and industry trends, fostering a mindset of continuous learning and professional development.

During a period of five years (2018-2023), 36 students have joined this course and passed with good theoretical as well as practical knowledge of IT & Multimedia.



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## **Summary Report of Add-on course in Biotechnology**

Biotechnology is the technology that utilizes biological systems, living organisms or parts of this to develop or create different products. Brewing and baking bread are examples of processes that fall within the concept of biotechnology. Biotechnology is an emerging field that is rapidly expanding all around the world. It offers several career opportunities. In the agricultural sector, biotechnologists are involved in developing new products and processes that can improve crop yields and reduce environmental impacts.

### **Scope/Outcomes of course in Biotechnology:**

- An interdisciplinary field that combines the principles of biology and technology, enabling innovative solutions to complex problems.
- It provides students comprehensive knowledge of life sciences, as well as the skills to apply this knowledge in the Biotechnology industry.
- This field is highly relevant in today's world, with the potential to revolutionize the way we produce food, drugs, and other products.
- Offers opportunity to gain experience in areas such as molecular biology, biochemistry, genetics, and bioinformatics.
- Biotechnology students can specialize in bioprocessing, bio-manufacturing, biomedicine, and bioremediation.
- Career opportunities in Industrial area - pharmaceutical, food manufacturing, textile industries.
- Career in research

During this period of five years (2018-2023), 196 students have joined this course and completed with good theoretical as well as practical knowledge.



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## **Summary Report of Add-on course in Bioinformatics**

Bioinformatics, as related to genetics and genomics, is a scientific sub discipline that involves using computer technology to collect, store, analyse and disseminate biological data and information, such as DNA and amino acid sequences or annotations about those sequences. Bioinformatics is a subject that is a combination of biology and technology. It requires complete knowledge of engineering as well as life sciences. This sector draws from a well of biological data and uses this information to create new tools and software which will be possible in the area of biological research.

### **Applications of Bioinformatics**

Bioinformatics focuses its scope on the areas of 3D image processing, 3D modelling of living cells, image analysis, drug development, and a lot more. The most important application of bioinformatics can be seen in the field of medicine, where its data is used to create antidotes for infectious and harmful diseases. The main applications of bioinformatics is to make the complete use of natural processes more usable and less complicated. Some examples of the application of bioinformatics are as follows –

- Bioinformatics is largely used in gene therapy.
- This branch finds application in evolutionary concepts.
- Microbial analysis and computing.
- Understanding protein structure and modeling.
- Storage and retrieval of biotechnological data.
- In the finding of new drugs.
- In agriculture to understand crop patterns, pest control, and crop management.

### **Scope of Bioinformatics**

- Management and analysis of a wide set of biological data.
- It is specially used in human genome sequencing where large sets of data are being handled.

- Bioinformatics plays a major role in the research and development of the biomedical field.
- Bioinformatics uses computational coding for several applications that involve finding gene and protein functions and sequences, developing evolutionary relationships, and analysing the three-dimensional shapes of proteins.
- Research works based on genetic disease and microbial disease entirely depend on bioinformatics, where the derived information can be vital to produce personalised medicines.

During this period of five years (2018-2023), 54 students have joined this course and completed with good theoretical as well as practical knowledge.



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## Summary Report of Add-on course in Communication Skills

Communication skills are essential for effective interaction and engagement in various aspects of life, including personal relationships, academic settings, and professional environments. It encompasses a range of abilities required to convey information effectively and efficiently. This course enhances following skills of students:

- **Verbal Communication:** The ability to articulate thoughts clearly and concisely through spoken words.
- **Non-verbal Communication:** Using body language, facial expressions, and gestures to complement verbal messages.
- **Written Communication:** Crafting clear, coherent, and persuasive written content.
- **Listening Skills:** Actively understanding and interpreting spoken information.

- **Interpersonal Skills:** Engaging effectively with others, including negotiation and conflict resolution.

**Scope of joining this course:**

- **Career Advancement:** Proficiency in communication is crucial for career development. Effective communicators are often more successful in job interviews, workplace collaborations, and leadership roles.
- **Academic Success:** Clear communication aids in presenting ideas, participating in discussions, and understanding course material.
- **Personal Development:** Strong communication skills enhance personal relationships and contribute to better social interactions.
- **Competitive Edge:** In a globalized world, the ability to communicate across diverse contexts and cultures is increasingly valuable.

During this period of five years (2018-2023), 175 students from different disciplines have joined this course and completed successfully. The add-on course in communication skills offers valuable benefits that extend beyond the classroom. By enrolling in this course, students can expect to enhance their communication abilities, which are fundamental for success in various areas of life. The course will equip students with the necessary tools to excel academically, advance in their careers, and build stronger personal relationships.



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## **Summary Report of Add-on course in Communication Skills**

Cosmetology, a skill enhancement course provide an opportunity to refine and learn new skills. By expanding their knowledge base, cosmetologists can offer a broader range of services and cater to a diverse clientele. Education in this program provides valuable insights into the latest beauty trends, such as

- Innovative makeup techniques
- Hair styling trends
- Nail art designs
- Skincare advancements

By staying informed, cosmetologists can offer their clients fresh and up-to-date services that align with the current market demands.

### **Outcomes of education in Cosmetology**

- Skill Enhancement
- Industry Compliance and Safety
- Networking and Professional Growth

During this period of five years (2018-2023), 44 students from different disciplines have joined this course and completed successfully.



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## Summary Report of Add-on course in Interior Decoration

Interior decorators create visualizations of interior spaces to communicate their ideas. In this course, learners develop sketching and drawing skills to create visual perspectives and render finishes for interior spaces. The initial step in mastering interior decorating indeed starts with self-education, focussing on the basic principles of design such as balance, harmony, emphasis, rhythm, proportion and scale. Understanding these concepts is vital for creating spaces that are both aesthetically pleasing and functional.

### Career/Job Opportunities:

- Interior Decorator
- Colour Consultant
- Retail Interior Designer
- Production Designer
- Exhibition Designer
- Lighting Designer
- Landscape Architect
- Kitchen Designer

During this period of five years (2018-2023), 23 students from different disciplines have joined this course and completed successfully.



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