Syllabus for recruitment to various Faculty and Technical Positions

Senior Designer (Associate Professor); Desirable: Automobile Designer				
	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics
Knowledge, Worldview (Domain)	Knowledge of how the automotive industry responds to Sustainable millennium development goals 2030 stated by UN such as 1) Reduce Inequality 2) Increase industry, innovation and infrastructure 3) Sustainable cities and communities 4) Responsible consumption and production. Reflective thinking on how the automotive industry and education should respond to COVID 19.	Knowledge of 3D drawing softwares (Rhino)	Control of quality of the delivered course objectives	Knowledge of the futuristic trends of the Automotive sector in terms of how it caters to different technological advancements in the fourth industrial revolution in the field of Artificial intelligence, 3D printing, robotics, virtual reality etc. Describe the recent Trends of Renewable Energy for the Automotive Industry	Ability to develop workshops, conduct skill courses utilising labs/studios, Know-how about the state-of-the-art tools, machinery and technology, their uses & sources.
Soft Skills	Managing IPR with students, effective in teamwork, open to collaborative approach, ethical in professional practice	Project process to execution management and technical training management, Mentoring technical staff	Ability to design framework for industrial design curriculum and offer new courses.	Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Use/identify/implement appropriate channels, modes for delivery of curriculum. Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Components & Material& Process; Physics Involved in Automobile design; Contemporary materials and fabrication; Different genres of Automobile; Ergonomics and interior of Automobiles; Motor vehicles Act of India; Knowledge on design elements in terms of 3 main aspects (Interior, Exterior, colour & trim)	Model Making: Using POP block/Industrial clay/ Car Modeling clay/ thermocol; make an imaginary vehicle from the themes given below: 1) Mid-engine automobile 2) Modular multipurpose vehicle 3) Concept automobile. Different layers of sketching in an automobile	Aware of quality control measures in garment construction and finishing of the output.	Online and offline tools/methods for trend research data resource building, Content help for online profile and presentations for students	Ability to develop/conduct design or technical workshop on model making using labs and resources, Ability to work on institutional projects.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Inter-channel prototyping and sourcing communication	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline trend research data resource for learners and peers.	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Ability to share domain knowledge with the students at an undergraduate level through various pedagogic tools such as workshops, lectures, discussions, field visits, demonstrations etc. Ability to instill critical thinking attitude among students and sense of responsibility towards design education and profession.	Ability to impart knowledge on various material and processes to students through active engagement in the workshop.	Knowing the best practices in education similar areas. Seeking improvement in quality, creating QC parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Senior Designer (Associate Professor); Desirable: Communication Design				
	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics
Knowledge, Worldview (Domain)	Knowledge of emerging field and scope in the field of communication design, contemporary perspectives that can help professionals, students, and educators explore the expanding field of communication design, navigate its changing trends. Communication design and technology: The future of communication design, new hardware, corporate needs, visual trends, How digital design will move beyond screens to physical surfaces and augmented or artificial environments, and how designers will occupy more positions in directing or consulting on more complex systems of experience. Introspective thinking on new paradigm and future trends in the field of communication design in new normal lifestyle.	Knowledge of communication design software. Understanding of human centred design and other design theories, tools and practices in the field of communication design.	Control of quality of the delivered course objectives	Knowledge of the futuristic trends in the field of communication design in terms of how it caters to different technological advancements in the fourth industrial revolution in the field of virtual reality, augmented reality and artificial intelligence etc.	Ability to develop workshops, conduct skill courses utilising labs/studios, Know-how about the state of the art tools, machinery and technology, their uses & sources.
Soft Skills	Managing IPR with students, effective in teamwork, open to collaborative approach, ethical in professional practice	Project process to execution management and technical training management, Mentoring technical staff	Ability to design framework for communication design curriculum and offer new courses.	Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Use/identify/implement appropriate channels, modes for delivery of curriculum. Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	To encourage the development of innovative approaches to course design and delivery and ensure that teaching design and delivery comply with the quality and educational standards and regulations of the department. To challenge thinking, foster debate and develop the ability of students to engage in critical discourse and creative thinking.	To develop and nurture creative instinct of students as well as to transfer knowledge including practical skills, methods, and techniques (UI/UX design, digital world and technologies, AR, VR, human science applied to design and innovation).	Aware of future trends and quality control measures in the field of communication design	Online and offline tools/methods for trend research data resource building, Content help for online profile and presentations for students	Ability to develop/conduct design or technical workshop on animation, print and graphic design using labs and resources, Ability to work on institutional projects.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Inter-channel prototyping and sourcing communication	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline trend research data resource for learners and peers.	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Ability to share domain knowledge with the students at an undergraduate level through various pedagogic tools such as workshops, lectures, discussions, field visits, demonstrations etc. Ability to instill critical thinking attitude among students and sense of responsibility towards design education and profession.	Ability to impart knowledge on various tools and methods of creative communication to students through active engagement in classes and workshop.	Knowing the best practices in education similar areas. Seeking improvement in quality, creating quality control parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Associate Senior Designer (Assistant Professor); Desirable: Materials & Manufacturing				
	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics
Knowledge, Worldview (Domain)	Knowledge of the futuristic trends of the Industrial design sector in terms of how it caters to different technological advancements in the fourth industrial revolution such as 3D printing etc. Knowledge of how the industry responds to Sustainable millennium development goals 2030 stated by UN such as : Responsible consumption and production. Reflective thinking on how manufacturing industry and education should respond to COVID 19.	Knowledge of 3D drawing softwares.	Control of quality of the delivered course objectives	Knowledge of Smart materials and manufacturing processes	Ability to develop workshops, conduct skill courses utilising labs/studios, Know-how about the state-of-the-art tools, machinery and technology, their uses & sources.
Soft Skills	Managing IPR with students, effective in teamwork, open to collaborative approach, ethical in professional practice	Project process to execution management and technical training management, Mentoring technical staff	Ability to design framework for industrial design curriculum and offer new courses.	Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Use/identify/implement appropriate channels, modes for delivery of curriculum. Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Understanding of the manufacturing process involved in metal, wood , plastic, ceramic, glass and composite material. Knowledge of tools and machines used for different materials	Skill test on any given material and processes in the workshop.	Aware of quality control measures in garment construction and finishing of the output.	Online and offline tools/methods for trend research data resource building, Content help for online profile and presentations for students	Ability to develop/conduct design or technical workshop for model making using labs and resources, Ability to work on institutional projects.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Inter-channel prototyping and sourcing communication	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline trend research data resource for learners and peers.	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Ability to share the domain knowledge with the students at an undergraduate level through various pedagogical tools (workshop, lectures, discussions, field visits, demonstrations, etc.). Ability to instill critical thinking attitude among students and sense of responsibility towards design education and profession.	Ability to impart knowledge on various material and processes to students through active engagement in the workshop.	Knowing the best practices in education similar areas. Seeking improvement in quality, creating QC parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Associate Senior Designer (Assistant Professor); Desirable: Expert in the field of Garment Manufacturing Process					
Specialization: Pattern Making & Draping	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics
Knowledge, Worldview (Domain)	Conceptual collection execution, Garment construction & design, Significance, Types & Methods of garment construction, Understanding the historical and cultural importance of garment types and their construction - Eastern and Western fashion construction	Applied basic + advanced draping & pattern making, Types and importance of blocks, Garment Construction Techniques - skirts and its variation, collar and its types, sleeves and its types, cuffs and its types. Pattern Grading, Use of material in pattern and draping methods	Control of quality of the delivered course objectives	Understanding of popular garments and garment components, identifying emerging practices and new trends,	Ability to develop workshops, conduct skill courses utilising labs/studios, Know-how about the state-of-the-art tools, machinery and technology, their uses & sources.
Soft Skills	Managing IPR with students, effective in teamwork, open to collaborative approach, ethical in professional practice	Project process to execution management and technical training management, Mentoring technical staff	Managing course plans, curriculum, processes and methods, Tech. quality management & assurance	Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Use/identify/implement appropriate channels, modes for delivery of curriculum. Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Knowledge of Draping, Pattern Drafting, tools used, Knowledge and experience in conversion from design to prototype, understanding of scale and measurement	Experience/exposure in manual methods of Sloper drafting, Drafting through digital tools such as - tukatech, Lectra, Optitex	Aware of quality control measures in garment construction and finishing of the output. Ability to apply/teach QC parameters in processes.	Online and offline tools/methods for trend research data resource building, Content help for online profile and presentations for students	Ability to develop/conduct design or technical workshop for garment construction using labs and resources, Ability to work on institutional projects.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Inter-channel prototyping and sourcing communication	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline trend research data resource for learners and peers.	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Methods of building and sharing knowledge in design, Teaching experience. Ethics in education	Ability to create accessible knowledge from ongoing education to help it improve.	Knowing the best practices in education similar areas. Seeking improvement in quality, creating QC parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

The syllabus for the post of Principal Technical Instructor shall be uploaded shortly.

Senior Technical Instructor; Specialization: Sound Design					
	Research, Analysis strengths	Prototyping/Outcome	Quality	Promo	Logistics
Knowledge, Worldview (Domain)	Knowledge of Game audio, Sound designing, Mixing, Scripting, Game collaboration, Visual communication design and interactive promotion	Portable recording, Post-production studio recording, Mix labs and the artist mix/ protocols, Post audio editing, Post audio recording.	Ability to improve quality in designing and finishing for learners.	NA	Maintenance of tools, equipments and workshops space, Manpower management in workshop
Soft Skills	Reference creation for improved operation and management of Sound Design.	Ensuring outcome with effective floor process management	Helpful in managing course input plans for curriculum.	NA	Ability to use/identify/implement appropriate techniques for delivery of outcome
Tech./tool Skills	Knowledge of tools used, Knowledge and experience in Production dialogue and sound mixing	Application of appropriate tools, Knowledge of sound design softwares.	Ability to achieve quality output. Ability to teach quality control parameters in processes to learner	NA	Ability to support education and technical workshops with expertise and resource, being conducted for sound designing
Communication	Ability to understand and use basic communication for learning. Needs to communicate with disciplines time to time on requirements and feedback.	Use of appropriate sound designing vocabulary during demonstrations. Periodic Progress report submission.	Effective communication in teaching.	NA	Workshop and Lab communication arrangements, Handling equipment indent &purchase communication
Education	Knowledge/experience of working with sound design. Applied education exposure, Ethics in education	Maintain a record of achievements through the course and use it for demonstration, Maintaining records of techniques.	Awareness of the best practices in education in similar areas.	NA	Resources on applications of appropriate tools for present and future improvement design and professional education

Designer/ Faculty; Desirable: Competency in Fine Arts					
	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics

Knowledge, Worldview (Domain)	Sense of Proportions, appropriate application of various mediums and materials, Thematic representation of subject, importance of visual diary/sketchbook, drawing for design, evolution of drawing and painting, history of art and design, Eye for details. Holistic approach towards all discipline of design	Product drawing, Product detailing, Representation techniques (skill of showing objects and forms with different manufacturing materials) Knowledge of product prototyping	Control of quality of the delivered course objectives through lectures, media and tools	_	Ability to develop workshops, conduct skill courses utilizing labs/studios, Know-how about the state of the art tools, machinery and technology, their uses & sources.
Soft Skills	Managing IPR with students, effective in teamwork, open to collaborative approach, ethical in professional practice	Project process to execution management and technical training management	Managing course plans, curriculum, processes and methods, Tech. quality management & assurance	Work and Inputs on Presentation and Portfolio Development	Use/identify/implement appropriate channels, modes for delivery of curriculum. Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Reflective practice of visual arts and design, Quality of line, sense of proportion, appropriate color application, painting skills,	Command (Hand Skills) over different tools and mediums of visual art design, Human drawing, live sketching, product/object, drawing with constructive (form and structure) analysis, perspective, nature drawing, shading techniques, understanding of light,	Good sense of Details, precision and accuracy in visual and prototyping work.	_	Ability to develop/conduct design and Illustration/visual arts workshops using available resources, Ability to work on institutional projects.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Inter-channel prototyping and sourcing communication	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline trend research data resource for learners and peers.	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Methods of building and sharing knowledge in design, Teaching experience. Ethics in education	Ability to create accessible knowledge from ongoing education to help it improve.	Knowing the best practices in education similar areas. Seeking improvement in quality, creating QC parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Designer/ Faculty; Desirable: Film Design				
	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics
Knowledge, Worldview (Domain)	Knowledge about present and future trends and innovations in the field. Knowledge of works of renowned film makers. Knowledge of film design, framing, pre-production planning, editing & premiere elements, lighting, pitching & presenting ideas, screenwriting as art, form and theory, film as history, fast film, documentary film, final film rough cut or rushes, collaborative filmmaking, knowledge as a visual narrative, history of film designing, cinematography and post production	Working methodology and hierarchical system in the film design studio	Control of quality of the delivered course objectives	Knowledge of film design and collaborative filmmaking	Ability to develop workshops, conduct skill courses utilising labs/studios, Know-how about the state of the art tools, camera, machinery and technology, their uses & sources.
Soft Skills	Managing IPR with students, effective in teamwork, open to collaborative approach, ethical in professional practice	Project process to execution management and technical training management, Mentoring technical staff	Ability to design framework for communication design curriculum specifically in the area of film design and to offer new courses.	Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Use/identify/implement appropriate channels, modes for delivery of curriculum. Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Understanding of the film making, screenwriting, visual narratives or cinematography. Knowledge of tools and machines used for film design	Knowledge about the film designing software. Skill test based on the softwares of film designing, screenwriting, visual narratives or cinematography.	Aware of quality control measures in film design and cinematography	Online and offline tools/methods for trend building and film design, content help for online profile and presentations for students.	Ability to develop/conduct film and cinematography based technical workshop using available resources, Ability to work on institutional projects.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Preparation of proposals, Corporate communications	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline trend research data resource for learners and peers.	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing). Ability to take a design studio in online/offline scenario reflection
Education	Ability to share the domain knowledge with the students at an undergraduate level through various pedagogical tools (workshop, lectures, discussions, field visits, demonstrations, etc.). Ability to instill critical thinking attitude among students and sense of responsibility towards design education and profession. Understanding of developing graphic design pedagogy applied in the studio into teaching	Ability to impart knowledge on various material and processes to students through active engagement in the workshop.	Knowing the best practices in education similar areas. Seeking improvement in quality, creating quality control parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Designer/ Faculty; Desirable: Home furnishing & Interior Design				
	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics

Knowledge, Worldview (Domain)	Knowledge about present and future trends and innovations in the field. Knowledge of works of renowned designers. Knowledge of interior and elements of design and their application in residential, commercial, institutional buildings. Develop quality assurance framework	Working methodology and hierarchical system in the interior design studio	Control of quality of the delivered course objectives	Knowledge of Smart materials and manufacturing processes	Ability to develop workshops, conduct skill courses utilising labs/studios, Know-how about the state of the art tools, machinery and technology, their uses & sources.
Soft Skills	Managing IPR with students, effective in teamwork, open to collaborative approach, ethical in professional practice	Project process to execution management and technical training management, Mentoring technical staff	Ability to design framework for industrial design curriculum and offer new courses.	Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Use/identify/implement appropriate channels, modes for delivery of curriculum. Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Understanding of the manufacturing process involved in metal, wood , plastic, ceramic, glass and composite material. Knowledge of tools and machines used for different materials	Knowledge about the Trendy Software. Skill test on any given material and processes in the workshop. Design a case / particular space with all layers in sequence, till the final project delivery. Make any 3 joiners from the given material	Aware of quality control measures in garment construction and finishing of the output.	Online and offline tools/methods for trend research data resource building, Content help for online profile and presentations for students	Ability to develop/conduct design or technical workshop for model making using labs and resources, Ability to work on institutional projects.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Inter-channel prototyping and sourcing communication	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline trend research data resource for learners and peers.	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing). Ability to take a design studio in online/offline scenario-reflection
Education	Ability to share the domain knowledge with the students at an undergraduate level through various pedagogical tools (workshop, lectures, discussions, field visits, demonstrations, etc.). Ability to instill critical thinking attitude among students and sense of responsibility towards design education and profession. Understanding of developing interior design pedagogy applied in the studio into teaching	Ability to impart knowledge on various material and processes to students through active engagement in the workshop.	Knowing the best practices in education similar areas. Seeking improvement in quality, creating QC parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promo	Logistic
Knowledge, Worldview (Domain)	Marketing & Design, Fashion Marketing, Fashion brand management, Market Strategy, Market & sales projection forecast, Principles of visual merchandising, Principles of retail	Question/answers, brain mapping, process charts, information graphics, written submissions, innovation and design ideation methods	Control of quality of the shared knowledge delivered through lectures, media and tools	Fashion shows, Visual merchandising applications, Store planning and display	Fashion retail, supply chain innovations
Soft Skills	Fashion Promotion and Retail Management, Merchandise plan	Merchandise Planning, Design execution, Project follow-up, Project Report Formulation	Methods of Quality Control (QC) in Fashion, retail and supply chain processes. Role of design in QC	Brand Marketing, Market Trend forecasting, Conducting Fashion shows and sales meet, Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Methods of data analysis, its tool and application, Consumption and costing,	Strategies and plan preparations for collections, seasons, retail launch, quantity and timeline	Knowledge of quality control in marketing & merchandising, use of Technology and quality management assurance. Ability to teach QC parameters in processes to learner	Advertising & public relations (PR), Product life cycle, Fashion communication, mapping Brand positioning in market	Supply chain and logistics, Retail experience management, Merchandise management in retail & export, Packaging and labeling design
Communication	Information management in marketing and merchandising, Marketing & cultural communications, Buyer communications	Preparation of proposals, Corporate communications	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline research/education material data resource within peers and learners	understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Methods of building and sharing knowledge in design, Teaching experience, Ethics in education	Creating outline for sharing the data and information as outcome and preparing assessment	Knowing the best practices in education similar areas. Seeking improvement in quality, creating QC parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Table title: **Designer/ Faculty; Desirable: Fashion & Apparel Retail & Merchandising**

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promo	Logistics

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promo	Logistics
Knowledge, Worldview (Domain)	Methods of Garment construction in design, Types of garment construction, Methods applied in garment construction, Construction knowledge of traditional and modern methods.	Applied basic draping & pattern making, Sketch to product development, Complex garments using basic blocks. Skirts and its variation, Collar and its types, Sleeves and its types, Cuffs and its types, Pattern grading, Material used for pattern and draping methods	Ability to improve and quality in construction and finishing for learners.	NA	Maintenance of tools, equipments and workshops space, Manpower management in workshop
Soft Skills	Reference creation for improved operation and management of Pattern/Draping Labs.	Ensuring outcome with effective floor process management	Helpful in managing course input plans for curriculum.	NA	Ability to use/identify/implement appropriate techniques for delivery of outcome
Tech./tool Skills	Knowing simple drafting to complex drafting of pattern, Knowledge of appropriate material, sizing, scale, measurements and fit., Knowledge of tools used, Knowledge and experience in conversion from design to prototype	Ability for manual methods of Sloper Drafting with application of appropriate tools, Knowledge of digitization of pattern and drafting through digital softwares such as Tukatech, Lectra, Optitex etc.	Ability to achieve quality output. Ability to teach QC parameters in processes to learner	NA	Ability to support education and technical workshops with expertise and resource, being conducted for garment construction
Communication	Ability to understand and use basic communication for learning. Needs to communicate with disciplines time to time on requirements and feedback.	Use of appropriate garment construction vocabulary during demonstrations. Periodic Progress report submission.	Effective communication in teaching.	NA	Workshop and Lab communication arrangements, Handling equipment indent &purchase communication
Education	Knowledge/experience of working with design and construction methods. Applied education exposure, Ethics in education	Maintain a record of achievements through the course and use it for demonstration, Maintaining records of techniques.	Awareness of the best practices in education in similar areas.	NA	Resources on applications of appropriate tools for present and future improvement design and professional education

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics
			Associate Senior Technical Instructor; Desirable: CAD Software Expert		
Knowledge, Worldview (Domain)	Proficiency in theory of 3d Modeling, Simulated product analysis,	Basic understanding of methods of forming construction - Casting, forging, Spinning, Joinery, methods of surface finishing - Painting, anodizing, coating, structuring, thermal spraying, electroplating, revers engineering, basic metallurgy	Appropriate referencing & credits, Control of quality, authenticity of shared knowledge delivered through lectures, media		Ability to conduct workshops and skill courses through required tools and logistics, understanding domain's state of the art tools, machinery and technology and their sources, ability to identify new material and their sources,
Soft Skills	Project planning and management at micro level (with in the workshop) Understanding relevant skilled human resource.	Workshop and workflow management in labs/studios, Care & maintenance of material, machinery, tools and equipments	–	–	Ability to use/identify/implement cost and logistic aspects of course requirements and their delivery
Tech./tool Skills	Material knowledge for product/industrial design, Updated about advancements in CAD and CAM technologies.	Proficiency in Machine operation, computer (CAD/AutoCAD, Autodesk Fusion, Solid Works, Rhinoceros.) applications for product/ Industrial design, material, lab/studio application exposure in design product/industrial, Material exploration applications, knowledge of tools and techniques.	Knowledge of quality control in methods of product simulation, simulated material analysis and finishing of the final output. Ability to teach QC parameters in processes to learner	Online and offline tools/methods for trend research data resource building	Ability to develop and conduct a technical workshop for prototyping.
Communication	Friendly with basics of communication and delivery of courses in mode of education – English	Instruction in basic tools of communications - verbal, written, visual, digital	–	Sharing of online and offline skill education material, data resource within peers and learners	Understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Methods of building and sharing knowledge in design, Teaching experience, Ethics in education	Make the applied learning meet education goals and objectives as per the course guideline and requirement of the project	Knowing the best practices in workshop instructions and assistance. Seeking improvement in quality, creating QC parameter for delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promo	Logistic
		Associate Senior Design Instructor; Desirable: Graphic Designer			
Knowledge, Worldview (Domain)	Knowledge of Graphic Design definitions vis-à-vis application in the present industry and professional practice, types of Graphic Design such as user interface, publishing, packaging, environmental graphics, art and illustration, etc., and related importance to achieve business goals.	Essential technology for graphic design, Graphic Design software and hardware, Impact of new technologies such as virtual reality, augmented reality, artificial intelligence, Physical immersion, Sensory design.	Control of quality of the delivered course objectives	Knowledge of future trends in graphic design promotional material and promotional design, point of sale	Maintenance of equipments, workshop and computer lab, Manpower management in workshop
Soft Skills	Applied understanding of pedagogic tools, learning process and necessary environment with reference to Graphic Design.	Design execution, Project follow-up, Project Report Formulation	Methods of Quality Control in Graphic designing. Role of graphic deesign in visual communication	Brand Marketing, Market Trend forecasting, Work and Inputs on Presentation and Portfolio Development, Career & Placement Support	Knowledge of logistics for managing, implementation, assessment, delegation and delivery of the courses
Tech./tool Skills	Understanding of the nature and role of Graphic Design with respect to emerging global trends such as information overload and complexity, artificial intelligence, sensory design in virtual world, recycle economy, social development and environmental sustainability.	Ability to articulate and communicate thoughts and ideas in the field of graphic design in written and verbal forms, ability to design and deliver presentation on given subject areas, proficiency in use of graphic design software.	Knowledge of quality control in marketing & promotion, use of Technology and quality management assurance. Ability to teach quality control parameters in processes to learner	Advertising & public relations (PR), Product life cycle, Visual communication, mapping Brand positioning in market	Ability to develop/conduct design or technical workshop for graphic designing.
Communication	Understanding and experience to transform knowledge into shareable communication within department. Ability to communicate across disciplines and with managements, report generation of progress, assessment and feedback communication.	Preparation of proposals, Corporate communications	Effective communication in English language as mode of teaching, Use of appropriate communication process and medium to address communication gaps	Sharing of Online and offline research/education material data resource within peers and learners	understanding of required learning environment and platforms with students both real and virtual (classroom/sharing)
Education	Methods of building and sharing knowledge in design, Teaching experience, Ethics in education	Creating outline for sharing the data and information as outcome and preparing assessment	Knowing the best practices in education similar areas. Seeking improvement in quality, creating quality control parameter for education and delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Design Instructor; Desirable: Knitwear Expert (Industrial Experience)

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promotional	Logistics
Knowledge, Worldview (Domain)	Basics of Textile theory, Design concept development, Garment technology, Applied arts	Methods of fabric construction - weaving, felting, knitting etc., methods of surface design and value addition - printing, relief, structuring, de-construction etc.	Appropriate referencing & credits, Control of quality, authenticity of shared knowledge delivered through lectures, media	_	Ability to conduct workshops and skill courses through required tools and logistics, understanding domain's state of the art tools, machinery and technology and their sources, ability to identify new material and their sources,
Soft Skills	Project design, Understanding consumer	Workshop and workflow management in labs/studios, Care & maintenance of material, machinery, tools and equipments	_	_	Ability to use/identify/implement cost and logistic aspects of course requirements and their delivery
Tech./tool Skills	Geometric design by software, soft materials, Knitting, Applied arts on knits, Colour and composition applications	Machine operation, computer (CAD/ Nedgraphics etc.) applications for Knitted textile design, material, pattern, lab/studio application exposure in textile and fashion, Material exploration applications, knowledge of tools and techniques.	Knowledge of quality control in methods of Knitted textile construction and finishing of the final output. Ability to teach QC parameters in processes to learner	_	Ability to develop and conduct a technical workshop for home textile construction
Communication	Ability to understand and use basic communication for learning. Needs to communicate with disciplines time to time on requirements and feedback.	Use of appropriate textile construction vocabulary during demonstrations. Periodic Progress report submission.	Effective communication in instructing.	_	Workshop and Lab communication arrangements, Handling equipment indent &purchase communication
Education (Teaching)	Methods of building and sharing knowledge in design, Teaching experience, Ethics in education	Make the applied learning meet education goals and objectives as per curriculum	Knowing the best practices in education similar areas. Seeking improvement in quality, creating QC parameter for delivery	Understanding and study of domain's popular colleges with similar courses education and delivery	Resources on applications of appropriate tools for present and future improvement design and professional education

Deputy Engineer (Electrical)

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promo	Logistics

National Institute of Design, Madhya Pradesh

Knowledge, Worldview (Domain)	Ability to comprehend and adhere to health and safety regulations and standards. Ability to anticipate problems and quickly find solutions to them. Ability to analyze situations and provide prompt solutions to challenges. Ability to generate innovative ideas and techniques easily. Ability to perform electrical installation jobs single-handedly and efficiently. Supervision of junior technicians and support staff. Ability to quickly adapt to changes and learn new skills and techniques.	Installation of electrical components, machines and gadgets. Maintenance of systems / machines as well as troubleshooting and repairs whenever there is a breakdown. Knowledge of tender formats & procedures.	Ability to improve and quality in construction and performance of the installed systems. Provide safe working environment for the stakeholders and ensure prevention of electricity induced accidents and mishaps. Take steps to prevent fire outbreaks by making appropriate recommendations to management.	NA	Maintenance of systems, equipments and infrastructure spaces. Manpower management in the campus.
Soft Skills	Basic grasp of computer skills in order to work with their own equipment and tools and to perform tests on electrical systems of all types.	Ensuring outcome with effective flow process management.	Helpful in managing the functionality of the systems	NA	Ability to use/identify/implement appropriate techniques for delivery of outcome
Tech./tool Skills	Troubleshoot machine breakdowns and provide preventive maintenance services. Ensure that equipments are in good working order so as to prevent disruption of activities. Provide 24 hours a day maintenance services or assign technical staff to do so. Supervise electrical works when new projects are undertaken	Application of appropriate tools namely: Power monitors Testing tools (insulation resistance testers) Infrared imaging tools (thermal cameras, infrared cameras) Hand tools (portable cords, punches)	Ability to achieve quality output with detail-oriented observation to spot and isolate potential problems with systems/machines.	NA	Ability to support the Institute with expertise and available resources to help in reduction of operational & maintenance costs.
Communication	Recommend replacement for old or faulty electrical components or fittings to the management. Assist in forecasting requirements, creating a budget and scheduling expenses for the electrical department.	Schedule and undertake periodic maintenance on all electrical equipment, components and installations. Keep record of all stock and supplies. Working in collaboration with the maintenance team to formulate the best cost-effective process.	Effective communication in troubleshooting and alerting supervisors to potential problems or needed upgrades with electrical systems and supervise other staff members	NA	Handling systems / equipment installed in the campus, Maintaining inventory for day-to-day maintenance activities, indent & purchase related communication.
Education	Conversant with prevailing IS codes. Working experience of management of systems in large residential educational institute namely HVAC, Fire Alarm System, Lifts, BMS, Fire Fighting System, WTP, STP, UPS etc. Knowledge/experience of performing energy audit and recommend alternative sources of energy.	Help the Institute to reduce energy costs.	Awareness of the latest & best industrial practices in the field of engineering and automation.	NA	Applications of new skills for present and future improvement.

Assistant Engineer (Civil)

	Research, Analysis strengths	Prototyping/Outcome	Quality	Promo	Logistics
Knowledge, Worldview (Domain)	Ability to comprehend and adhere to health and safety regulations and standards. Ability to anticipate problems and quickly find solutions to them. Ability to analyze situations and provide prompt solutions to challenges. Ability to generate innovative ideas and techniques easily. Ability to perform site repair jobs single-handedly and efficiently. Supervision of manpower. Ability to quickly adapt to changes and learn new skills and techniques.	Inspection of repair sites to monitor progress and ensure conformance to design specifications and safety or sanitation standards. Maintenance of campus infrastructure as well as troubleshooting and repairs in case of breakdown. Knowledge of tender formats & procedures.	Ability to improve and quality in construction. Provide safe working environment for the stakeholders and ensure prevention of accidents and mishaps. Take steps to prevent fire outbreaks by making appropriate recommendations to management.	NA	Maintenance of infrastructure spaces. Manpower management in the campus.
Soft Skills	Basic grasp of computer skills in order to accomplish tasks.	Ensuring outcome with effective flow process management.	Helpful in managing the overall functionality of the campus	NA	Ability to use/identify/implement appropriate techniques for delivery of outcome
Tech./tool Skills	Troubleshoot repairs and provide preventive maintenance services. Ensure that building structures, roads, drains etc. are in good working order so as to prevent disruption of activities. Provide 24 hours a day maintenance services or assign technical staff to do so. Supervise construction works when new projects are undertaken	Application of appropriate tools required for tasks involving repairing works pertaining to plumbing, painting, flooring, furniture, doors, hardware, acoustical ceilings etc.	Ability to achieve quality output with detail-oriented observation to spot and isolate potential problems.	NA	Ability to support the Institute with expertise and available resources to help in reduction of operational & maintenance costs.
Communication	Recommend replacement for old or faulty components or fittings to the management. Assist in forecasting requirements, creating a budget and scheduling expenses for the estate department.	Schedule and undertake periodic maintenance on all the buildings. Keep record of all stock and supplies. Working in collaboration with the maintenance team to formulate the best cost-effective process.	Effective communication in troubleshooting and alerting supervisors to potential problems and supervise other staff members	NA	Maintaining inventory for day-to-day maintenance activities, indent & purchase related communication.
Education	Conversant with prevailing IS codes. Knowledge/experience of campus/ estate management in large residential educational institute.	Help the Institute to reduce energy costs.	Awareness of the latest & best industrial practices in the field of engineering and building construction.	NA	Applications of new skills for present and future improvement.