

ANNUAL REPORT-(2021-2022)

01.07.2021 TO 30.06.2022

DEPARTMENT OF PRINTING TECHNOLOGY

(I) NAME: Printing Technology Department

(II) Year of Establishment: 1996

(III) (a) Vision of the department: Annexure A

(b) Mission of the department: Annexure A

(c) Objective of Department: Annexure A

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength (total)
Ph.D.		14
P.G. M.Tech	20	09+20 = 29
UG B.Tech	60+30 = 90	254+99 = 353
Any other	--	--

(v) Faculty detail

(Attach a list of the faculty along with their qualification and experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	02	--	02	--
Associate Professor	03	--	03	--
Assistant Professor	10	07	--	07 (Regular) 02 (on Contract)

List of the Faculty

Sr. No.	Name of faculty	Designation	Qualification	Experiences	
				Teaching	Industry
1.	Prof. Anjan Kumar Baral	Professor	Ph.D.	24	04
2.	Prof. Ambrish Pandey	Professor	Ph.D.	24	01
3.	Sh. Arohit Goyat	Associate Professor	M.Tech	19	--

4.	Sh. Pankaj Kumar	Associate Professor	M.Tech	18	02
5.	Mrs. Vandana	Associate Professor	M.Tech	20	--
6.	Sh. Abhishek Saini	Assistant Professor	M.Tech	08	--
7.	Sh. Sanjeev Mathur	Assistant Professor	M.Tech	09	--
8.	Sh. Satish Chauhan	Assistant Professor	M.Tech	09	--
9.	Sh. Ankit Boora	Assistant Professor	M.Tech	07	--
10.	Sh. Bijender	Assistant Professor	M.Tech	07	--
11.	Sh. Vikas Jangra	Assistant Professor	M.Tech	11	--
12.	Sh. Mohit Kumar	Assistant Professor	M.Tech	10	--
13.	Mrs. Chetna Gupta	Assistant Professor (on contract)	M.Tech	4.5	--
14.	Sh. Sukhdev Singh	Assistant Professor (on contract)	M.Tech	4.5	--
15.	Sh. Deepak	Assistant Professor (Guest faculty)	M.Tech	5 Months	--
16.	Sh. Amandeep	Assistant Professor (Guest faculty)	M.Tech	1 Month	--

(vi) Office/ Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Dy. Suptd.	01	Nil
Technical Asstt.	01	01
Assistant-cum-DEO	01	Nil
Lab. Tech.	Nil	03+01*
Clerk	01	01
Lab Attendant	09	05
Steno Typist	01	01*
Peon	01	02
Operator	Nil	03*
Plate-maker	Nil	01*

*on contract

(VII)

(a) Students detail in respect of M.Tech Programmes:

<i>Programme (s)</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st year</i>	<i>Students present final year</i>
M. Tech.	20	09	20

(b) Students detail in respect of B.Tech (Printing Technology) Programmers:

<i>1st year</i>		<i>2nd year</i>		<i>3rd year</i>	<i>4th year</i>
<i>Sanctioned intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students present</i>	<i>Students present</i>	<i>Students present</i>
60	53	06	67	65	69

(c) Students detail in respect of B.Tech (Packaging Technology) Programmers:

<i>1st year</i>		<i>2nd year</i>		<i>3rd year</i>	<i>4th year</i>
<i>Sanctioned intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students present</i>	<i>Students present</i>	<i>Students present</i>
30	19	03	22	12	35

(d) Detail of foreign students if any, admitted in the department: Nil

<i>Sr. No.</i>	<i>Name of Course</i>	<i>No. of Students Admitted</i>	<i>Name of Country</i>
Nil			

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis completed during the year	Thesis awarded during the year
Nil			

List of PhD scholars and supervisors: Nil

(IX) Sponsored research /consultancy project:

Total number of Projects in progress during the academic current year	Total number of Projects awarded during the academic current year	Total number of Projects completed during the academic current year
Nil		

(X) Publication of Faculty (in Total)

Books	Research paper		Research paper		Other articles
	SCI/Scopus	UGC Care	Referred	Non referred	Book chapter
Nil	--	--	03	--	--

(XI) Faculty wise detail of publication:

a) Books/Book Chapters/Monographs etc.

Authors	Title	Year of Publication	Type of Books	Publishers
Nil.				

b) Research Papers/Articles in journals

Authors	Year	Title of paper	Name of journal	Vol . & No.	Pages	Impact Factor Thomson Reuter
Prof. (Dr.) A.K. Baral, Sh. Sanjeev Kumar	(March 2022)	Comparative Study & Critical Analysis of Different Inkjet Printheads in Relation of their Print Performance Parameters	International Journal of Mechanical Engg.	Vol. 7 Issue 3	pp: 115-128	

Sh. Amit Sharma & Mrs. Vandana	(Sept. 2021)	Study of Print Contrast and Dot Gain on Gloss Coated Paper by Liquid Toner and Dry Toner Electrophotography Process	AIP Conference Proceedings			
Sh. Kuldeep Singh, Sh. Vikas Jangra, Mrs. Vandana	(Nov. 2021)	Controlling Physical Dot Gain Through Effective Prepress Dot Size Modification Technique in Sheet-Fed Offset Printing Process	The Journal of Oriental Research Madras,			
Ms. Poonam, Mr. Sanjeev Kumar, Sh. Vikas Jangra, Rakesh Kumar and Nishan Singh	(Feb. 2022)	"Influence of Fountain Solution Conductivity on Print Quality in Offset Printing	International Journal of Mechanical Engg.	Vol. 7 Issue 3	pp: 115-128	
Sh. Sanjeev Kumar, Prof. (Dr.) A. K. Baral	(March 2022)	Comparative Study & Critical Analysis of Different Inkjet Print heads in Relation of their Print Performance Parameters	International Journal of Mechanical Engg.	Vol. 7 Issue 3	pp: 115-128	
Sh. Bijender, Sh. Ankit Boora, Sh. Ankur Kaushish, Sh. Nitin Kharbanda	(Oct. 2021)	"Comparative Analysis of Colour Fastness of various Cotton Textiles Printed with Inkjet Printer using Pigment Inks"	The Journal of Oriental Research Madras,	MMX XXI-XCII-LVII	PP 6-9	
Sh. Abhishek Gautam, Sh Ankit Boora, Sh. Bijender	(Oct. 2021)	A Comparative Analysis of the Impact of Thickness of Matte-Art Gloss Art and High Grade Litho paper on Dot Gain in Sheet- Fed Offset Print Quality"	The Journal of Oriental Research Madras,	MMX XXI-XCII-LVII	pp. 1-5	
Sh. Bijender, Sh. Ankit Boora, Sh. Ankur Kaushish, Sh. Nitin Kharbanda	(Oct. 2021)	"Comparative Analysis of Colour Fastness of various Cotton Textiles Printed with Inkjet Printer using Pigment Inks"	The Journal of Oriental Research Madras.	MMX XXI-XCII-LVII	PP 6-9	
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Sh. Mohit, Sh. Amandeep	2021	Print wastage reduction at vanshika offset a custody	The Journal of Oriental Research Madras,	MMX XI-XCII-VIII	1-13	7.215

(XII) Participation of faculty in Seminar/Conference/Workshop and Refresher Courses etc. during 2021-2022:

- a) Total number of Seminars/Conferences attended by faculty and papers presented:**

Position	Attended			Paper Presented		
	International	National	Total	International	National	Total
Professor	Nil.					
Associate Professor						
Assistant Professor						

b) International conference/seminar/workshops: 01

Name of faculty	Title of paper presented	Theme of conference/seminar/workshop	Name of host organization	Place	Dates/Duration	Funded by UGC/DST/CSIR/AICTE/University etc.
Sh. Sanjeev Kumar	"Critical Analysis of Print Quality Factors (Hue Error and Print Contrast)	Conference on Advance Computing and Innovative Technologies in Engg.			28-29 April, 2022	

c) National Conference/Seminars/Workshops: nil

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	Dates

d) Regional/State Level Conference/Seminars/Workshops: Nil

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	dates

e) Refresher Courses/ Orientation Programme:

Sh. Mohit Kumar	Environmental Science	GJU	HRDC	Hisar	21.02.2022 to 05.03.2022
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f) National/International Webinars Attended: 03

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Sh. Sukhdev Singh	MATLAB for New User	Pt. DUCIC, GJU	11 th August, 2020
Sh. Sukhdev Singh	Mathematical Modeling with MATLAB	Pt. DUCIC, GJU	13 th August, 2020
Sh. Sukhdev Singh	Machine Learning with MATLAB	Pt. DUCIC, GJU	18 th August, 2020

g) Total Number of Refresher/Oriented Courses/ Webinar attended:

- i) Refresher Courses : 07
- ii) Oriented Courses : 00
- iii) Webinar : 03
- iv) Total : 10

(XIII) Association with national and state level bodies

i) Membership of Professional Bodies:

Prof. (Dr.) Anjan Kumar Baral

- Chairman, MSDC, BIS, GOI

Prof. (Dr.) Ambrish Pandey

- Member, Court, DCRUST, Murthal
- Member, BOS CUH Mehandergarh, Haryana

ii) Member of Academic Bodies of other institutions:

Prof. (Dr.) Anjan Kumar Baral

- A.C. Member, DCRUST, Murthal
- Member, MED, ZS, BIS, GOI
- A.C. Member, Board of School education, Haryana
- Secretary, Research Institute, Study Centre, Hisar

(XIV) Detail of consultancy project/work in dept: Nil

Name of Teacher	Job Work	Name of Agency	Total Amount	

(XV) Lecture delivered (Give teacher wise detail): Nil

Type	Topic/Subject	Institution	Dates
Invited talk delivered in refresher course			
Extension lecture			
Any other			

(XVI) Additional Duties Performed/Positions held in the University

(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1	Prof. (Dr.) Ambrish Pandey	Coordinator TEQIP-III	01.01.2021 to 03.2022	
2	Sh. Pankaj Kumar, Associate Professor	Nodal Officer Chairperson, Deptt. of Printing Technology	05.03.2019 to March 2022 14.03.2022 onwards	
3	Sh. Sanjeev Kumar, Asstt. Professor	Nodel Officer, UG- SGRC	22.04.2022 to Present	
4	Sh. Abhishek saini, Assistant Professor	Lab In-Charge		
5	Sh. Mohit Kumar	NSS Programe, Officer	21.08.2019 to till date	
6	Sh. Mohit Kumar	Dy. Proctor Cum C.S.O.	14.07.2021 to till date	
7	Sh. Mohit Kumar	Co-ordinator, Youth Red Cross	09.06.2021 to till date	

(XVII) Training & Placement Activities of the Department:

Name of faculty	Title of refresher course	Name of host organization	Dept.	Place	Date
Sh. Bijender	"Sharpening Teaching Skills through Pedagogy, Transaction & Evaluation"	GJU	HRDC	Hisar	30 /10/2021 to 13/10/2021
Sh. Bijender	"Recent Challenges in Electrical & Electronics Engg."	GJU	Electrical Engineering	Hisar	15/11/2021 to 20/11/2021
Sh. Bijender	"Artificial Intelligence & Machine Learning."	GJU	Computer Science & Engineering	Hisar	07/02/2022 to 12/02/2022
Sh. Ankit Boora	"Sharpening Teaching Skills through Pedagogy, Transaction & Evaluation"	GJU	HRDC	Hisar	30 /10/2021 to 13/10/2021
Sh. Ankit Boora	"Recent Challenges in Electrical & Electronics Engg."	GJU	Electrical Engineering	Hisar	15/11/2021 to 20/11/2021
Sh. Ankit Boora	"Artificial Intelligence & Machine Learning."	GJU	Computer Science & Engineering	Hisar	07/02/2022 to 12/02/2022

Activity	No. of Students placed	No. of Companies in which placed*
Training	14	04
Placement	58	10

***Note:** Please attach a list of companies along with the number of students placed and dates of placement. At an annexure 'B'

(XVIII) Detail of academic activities/program organized in department during the year:

- i) Seminar/conference/refresher course/workshop/training programme/FDP:
Nil

Name of event	National/International	Number of participants	Date/duration

- ii) Extension lectures: Nil

Topic	Resource person	Number of participants	Date/duration

- iii) Students tour/ training program: Nil

Places visited	Number of participants	Date/duration	Faculty incharge

- iv) Industry interaction programme: Related to TPO Cell: Nil

Name of event	Name of industry	Number of participants	Date/duration

(XIX) Award/Honors received by Faculty: Nil

Name of teacher	Title of the award	name of awarding agency	National/ International	Date conferred

(XX) Any other important information/achievement of the Department: Nil

Signature of the Chairman

21/07/2023
 Dept. of Printing Technology
 G. J. U. S & T, HISAR

DEPARTMENT OF PRINTING TECHNOLOGY, GJUS&T, HISAR

Summary of Research Publications:

Total Books Published	Books published in international publisher	Books published in national publisher	
Nil	Nil	Nil	
Total Research papers published in Journals	Total published in UGC-CARE List Group-1 (Journal found qualified through UGC-CARE protocols)	Total published in UGC-CARE List Group-2 (Journal Indexed in WOS/Scopus)	Highest Impact Factor
10	10	Nil	7.215
Total Number of papers published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	
Nil	Nil	Nil	
Total number of funded research projects	Completed	Ongoing	
Nil	Nil	Nil	
Total Number of scholars registered in Ph.D. programme	Ph.D. Degree submitted	Ph.D. Degree awarded	
Nil	Nil	Nil	

Chairman
Signature of the Chairperson
Dept. of Printing Technology,
G. J. U. S & T, HISAR

ANNEXURE

DEPARTMENT OF PRINTING TECHNOLOGY, GJUS&T, HISAR

Overall recommendations of the chairperson based on the annual report and academic and research plan for the next year through the academic committee of the department.

- More emphasis will be given to research activities.
- Project work/ consultancy work will be initiated.
- Seminars/workshops will be organized in the department.
- Industrial tours will be organized by the department.
- Industry Institute interaction will be strengthen.

Signature of the Chairperson

Chairman
Dept. of Printing Technology,
G. J. U. S & T, HISAR

21/02/2023
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Annexure-A

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

Vision

To develop Guru Jambheshwar University of Science & Technology as a center of excellence for quality teaching & consultative research to produce competent technocrats and knowledge power houses capable of supporting the growth of economy and welfare of society.

Mission

To facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, Pharmacy, Environmental studies, Non-conventional energy sources and Management studies and also to achieve excellence in these and connoted fields.

Goal

To transform this university into a globally recognized "Center of Excellence" for imparting technical education by providing:

- Experienced and qualified faculty members.
- Involving a process for admission of right potential candidates.
- "State-of-the-art" lecture hall, Laboratories, Workshops & Library.
- Personality Development through language labs.
- Ethical educations,
- Quality shorts facilities for physical development.

Department of Printing Technology

Vision

To develop the Department of Printing Technology, Guru Jambheshwar University of Science & Technology as a center of excellence for quality teaching & consultative research in the area of Printing Technology to produce competent technocrats for the Printing & Allied Industries.

Mission

To facilitate and promote studies and research in the areas of Printing Technology and also to achieve excellence in this field.

Annexure - B.

Department of Printing Technology, Placement Data for the Session 2021-22

Total Students Placed: 58

Total Companies Visited : 10

Chairperson:- Sh. Pankaj Kumar, Training & Placement Coordinator:- Sh. Bijender Kaushik

Sr No.	Roll no.	Name	Company Name
1	180030320007	Anchal	SGM Paper Products
2	180030320024	Muskan	
3	180030320040	Vaishali Chauhan	
4	180030329006	Gagandeep Pandey	
5	180030330005	Prakhar Mishra	
6	180030320003	Aditya Sharma	UFLEX Limited
7	180030320047	Vishal Sharma	
8	180030330009	Trinak Das	
9	180030349015	Ramagiri Rakesh	COROPEX
10	180030349011	Mudimala Abhishek	
11	180030349019	S. Gnaneswar	
12	180030349015	Ramagiri Rakesh	
13	180030320031	Pritham Kumar	
14	180030349006	Kusuma Abhishek	Siegwerk India Pvt. Ltd.
15	180030329018	Sagar	
16	180030320048	Yogesh Beniwal	
17	180030330004	Naveen Sharma	
18	180030320021	Manoj Bhardwaj	Siegwerk India Pvt. Ltd.
19	180030329006	Gagandeep Pandey	
20	180030329004	Manohar	
21	180030329005	Dheeraj	
22	180030320025	Pankaj	

23	180030330005	Prakhar Mishra	Bharat Box Factory Ltd.
24	180030329020	Yashwant	
25	180030320008	Ankit Sharma	
26	180030330001	Bhaghat Singh	
27	180030320041	Vasu	BYJU'S
28	180030349019	S Gnaneshwar	
29	180030329011	Laxmi Vardhan	
30	180030320011	Chirayu Sharma	
31	180030320012	Deepanshu Verma	OJI India Packaging
32	180030320017	Jigyashu Chugh	
33	180030320027	Rahul SS	
34	180030320027	S.Pritham Kumar	
35	180030329001	Aniket Bishnoi	Siegwerk India Pvt. Ltd.
36	180030329017	Ravi Kumar	
37	180030349001	Harshitha Reddy	
38	180030349020	Somboju Karthik	
39	180030349021	Surshetty Parvallika	Amulfed Dairy
40	180030349024	Yerrolla Srikanth	
41	180030320019	Madhur Bajaj	
42	180030320048	Yogesh Beniwal	
43	180030329007	Kokkula Shiva Kumar	Macclelin India
44	180030329008	Manda Shiva Krishna Reddy	
45	180030329014	Nalacheruvu Nandishwar	
46	180030320002	Abhishhek Beniwal	
47	180030320010	Bhavey	
48	180030320038	Sumit Sindhwani	
49	180030320040	Vaishali Chauhan	

50	180030329002	Ashutosh Verma	Uflex Noida
51	180030329013	Monal Sharma	
52	180030329016	Prashant Sagar	
53	180030329018	Sagar Kashyap	
54	180030349010	Mityunjay Kumar	
55	180030349011	Mudimala Abhishek	
56	180030349012	P. ABHISHEK RAJU	
57	180030349023	Uppari Bhargav Kumar	
58	180030320028	Rahul Saneja	
			DCG Technologies Ltd.