



भारतीय
indian handicrafts
हस्तशिल्प
continuing tradition



CHAIRMAN

शांतमनु, भा.प्र.से.
विकास आयुक्त (हस्तशिल्प)
Shantmanu, I.A.S.
Development Commissioner (Handicrafts)



भारत सरकार
वस्त्र मंत्रालय
पश्चिमी खण्ड-7, रामाकुष्माण्डपुरम,
नई दिल्ली-110 066
Government of India
Ministry of Textiles
West Block-7, R.K. Puram,
New Delhi-110 066

Message From The Desk of Chairman

I am pleased to present the Annual Report of IICT for the year 2017-18.

IICT has been working with its four portfolios: Human Resource Development (HRD), Design Creation & Development (DCD), Research & Development (R&D) and Technical Support to Industry (TSI) and the performance achieved is commendable and praiseworthy.

The Institute has been involved in various industry driven projects like CHCDS, Skill Development under HRD, Research & Development Project and completed successfully. Besides, above various workshops/ seminars for youths of carpet industry were conducted under sponsored projects from the O/o DC (HC). IICT has been playing a vital role to the carpet & textile industry in terms of above portfolios.

The carpet industry has been benefitted by availing the laboratory & consultancy services of IICT. In addition to exclusive B. Tech. course in Carpet & Textile Technology, the institute has also been conducting industry driven short term course in carpet design, computer & management and carpet yarn dyeing.

As a Chairman of IICT, I am committed to develop the institute with all required facilities to serve the Carpet industry.

I wish that IICT would continue its efforts through its various portfolios for overall support / development of carpet industry.

Shantmanu, IAS
DC (Handicrafts) & Chairman,
Indian Institute of Carpet Technology, Bhadohi



VICE CHAIRMAN

रत्नेश कुमार झा, भा.रे.या.से.
अपर विकास आयुक्त (हस्तशिल्प)
Ratnesh Kumar Jha, I.R.T.S.
Addl. Development Commissioner (Handicrafts)



भारत सरकार
वस्त्र मंत्रालय
पश्चिमी खण्ड-7, रामकृष्ण पुरम,
नई दिल्ली-110 066

Government of India
Ministry of Textiles
West Block-7, R. K. Puram,
New Delhi-110 066

Message From The Desk of Vice- Chairman

I am pleased with the extraordinary performance that IICT has achieved in all its four portfolios as depicted in the Annual Report for the year 2017-18.

It is a matter of pride that the stakeholders have explored the utilization of portfolios gainfully, which is evident from the absorption of B. Tech. Students, availing of the laboratory & providing consultancy services continuously.

I am convinced about the continuous improvement of the institute through constant endeavor made by institute members.

The IICT has put admirable efforts in conducting various awareness training/workshop/seminar for providing technical knowledge to the industry including SC/ST artisans.

Similarly in other portfolios too IICT is proactive and industry friendly and hence deserves to be congratulated.

I wish IICT to keep up its good work and establishes itself as an international centre of excellence and learning.


[Ratnesh Kumar Jha]

Addl. DC (Handicrafts) & Vice-Chairman,
Indian Institute of Carpet Technology, Bhadohi



DIRECTOR IN CHARGE



प्रभारी निदेशक
भारतीय कालीन प्रौद्योगिकी संस्थान
विकास आयुक्त (हस्तशिल्प),
वस्त्र मंत्रालय भारत सरकार के अधीन
अ.क.प्रविधिक विश्वविद्यालय द्वारा संबद्ध एवं
आपातशिप, भारत सरकार द्वारा अनुमोदित

Director In Charge,
Indian Institute of Carpet Technology
Under the aegis of the
development Commissioner (Handicrafts),
Ministry of Textiles, Govt. of India
Affiliated with A. K. Technical University
& Approved by AICTE, Govt. of India

राजेंद्र प्रसाद, आई ए एस, प्रभारी निदेशक व जिलाधिकारी, भदोही
Rajendra Prasad, IAS, Director In Charge & District Magistrate, Bhadohi

Message from The Desk of Director in Charge

I am feeling delighted to present the annual report of IICT for the year 2017-18, indicating the achievements of the set targets during the year with the involvement of dedicated team members.

The performance of the Institute in all the portfolios like, Human Resource Development (HRD), Design Creation & Development (DCD), Research & Development (R&D) & Technical Support Service to Industry (TSI), is encouraging and motivating to put more dedicated efforts for attaining the new heights.

The passed out B. Tech. students of IICT are Serving the Carpet & allied Industry up to the satisfaction of the employer and trying to contribute the best possible efforts in the journey towards the growth & development of the industry.

The commitment of the staff is praise worthy to make IICT a centre of Excellence in all the portfolios as mentioned above.

Support of the Development Commissioner (Handicrafts) & Chairman, IICT, in all our endeavors to achieve the set targets is praise worthy and is acknowledged.

I also acknowledge the support of Vice-Chairman, IICT, Executive Committee (EC) members, U.P.Gov. Local Administration, Dr. A.P.J. Abdul Kalam Technical University, AICTE in our efforts.

Co-operation from Carpet Export Promotion Council (CEPC), All India Carpet Manufacturer Association (AICMA), RCMEA, -Jaipur, EUPEA - Varanasi, AICEA-Mirzapur, AICYSDA-Bhadohi etc. made the success-journey, a pleasure & more rewarding .

We, express our commitment for discipline and total dedication for best performance.


Rajendra Prasad
DM, Bhadohi &
Director In-Charge, IICT

Indian Institute of Carpet Technology, popularly known as IICT, has been set up by Ministry of Textiles, Govt. of India in 1998 as a registered Society under the Society Registration Act, 1860. IICT became truly functional in the year 2001 by



launching B.Tech. (Carpet & Textile Technology) programme, a unique degree programme of its kind, with 20 intake which has been raised subsequently to 60. IICT was set up by Ministry of Textiles, Govt. of India to provide all possible technical support to the Carpet, Textile & other related sectors in the form of technical experts, Research & Development, etc. for the continual growth & make the industry competitive at the world level. Institute has been constantly trying to fulfill long time pending demand of the sector for technical experts through its B.Tech. technocrats. Industry has also come forward and placed these technocrats suitably in their organization. IICT is providing world class quality education to its students by targeting to meet the anticipated requirements of the stake holders through formal or informal feedbacks from the various organizations time to time. In addition to B.Tech. other trainees of the institute in various courses have also been doing well and holding good positions in the organization. The laboratories of Institute are **NABL** (National Accreditation Board for Testing and Calibration Laboratories) accredited which makes its testing reports given to the exporters valid in many countries of the world. B. Tech. programme of the institute is approved by AICTE, New Delhi & affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow.

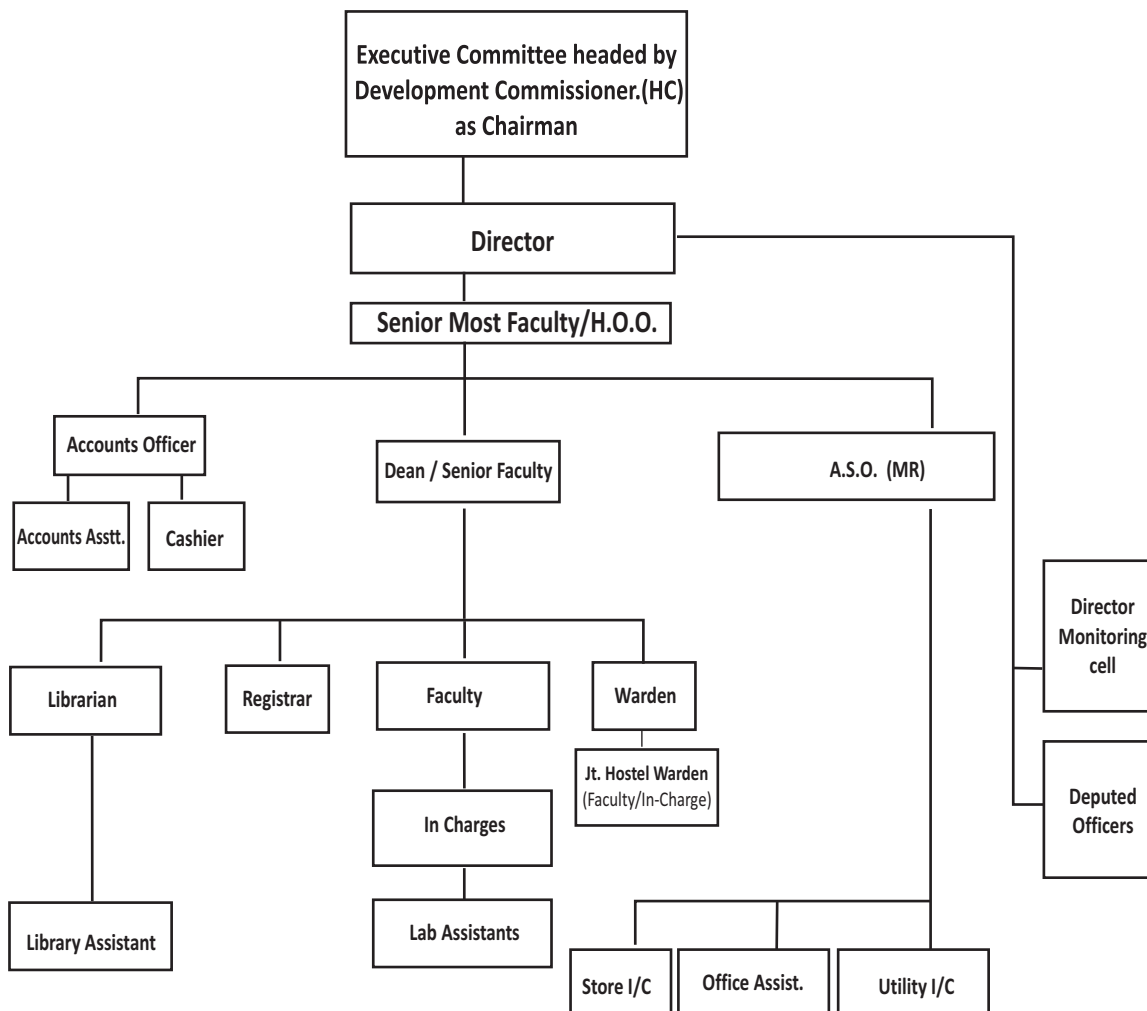
Admission to IICT is done through **CSAB(Central Seat Allocations Board) JEE (Main)**, Besides B.Tech. Programme institute is also conducting IDLP (International Distance Learning Programme) in collaboration with **ag-Research, New zealand** & industry driven Short-term programme. IDLP consists of 7 different diploma out of 30 topics where as Short Term consists of 3 programmes.

Campus & Facilities

IICT is situated in Bhadohi which is famous in the world as Carpet belt of India. The stake holders of Bhadohi and adjoining districts can take maximum locational advantage as the institute has been set up at Bhadohi. Bhadohi is about 45 Kms away from holy city Varanasi and about 75 Kms from Prayag City, Allahabad & 30 Km from Mirzapur. The campus of IICT is 4 Kms from Bhadohi Railway Station and situated on Main Road known as Chauri Road on the outskirts of Bhadohi town. The campus is free from all sorts of pollution, providing a peaceful atmosphere for studies and research which is spread over 10 acres of land, that comprises of state-of-the-art Administrative building consisting of Classrooms, Laboratories, Conference Hall, Library, Design Studio, Museum and Workshops. The campus is equipped with facilities like separate Hostels for Boys & Girls, Residential accommodation for employees, Open Air Theater for performing cultural activities, open space for Games, generator and Water supply system. Institute has also obtained 16.5 Acres land from Govt. of Uttar Pradesh in Bhadohi in Pipris, in which construction & development works are being undertaken.

1. Shri Shantmanu, IAS, Development Commissioner (HC) & Chairman, IICT, Office of the Development Commissioner (HC), West Block No. 7, R. K. Puram, New Delhi – 110066.
2. Shri R.K.Jha ADC(Handicrafts), Vice-Chairman, IICT, Office of the Development Commissioner (HC), West Block No. 7, R. K. Puram, New Delhi – 110066.
3. Ex-officio-Secretary, Small Scale Industries & Export Promotion, Govt. of U. P., 4th Floor, Sachivalaya, Lal Bahadur Shastri Bhawan (Annexe), Lucknow – 226001 or his nominee.
4. Director (Finance), Min. of Textiles, Govt. of India, Udyog Bhawan, New Delhi or his nominee.
5. Divisional Commissioner, Vindhyaachal Mandal, Mirzapur, Uttar Pradesh
6. District Magistrate and Collector, Bhadohi, Sant Ravidas Nagar, Uttar Pradesh
7. Managing Director, U.P. Export Corporation, Motimahal, 2A, Rana Pratap Marg, Lucknow
8. Chairman/Executive /Director, Carpet Export Promotion Council, 3rd Floor, Niryat Bhawan, Rao Tula Ram Marg, Vasant Vihar, Opp. Army Hospital Research & Referral, New Delhi – 110057
9. President, All India Carpet Manufacturers Association, Maryadpatti, Bhadohi
10. Chairperson, Indian Woollen Mills Federation, Churchgate Chambers, 7th Floor, New Marine, Mumbai- 400 020 or Secretary General as his nominee.
11. Sr. Faculty/Dean/Registrar, IICT- Director's Nominee.
12. Shri Bholanath Baranwal, M/s Shri Bholanath Carpets Ltd, G.T. Road Khachhawan, Varanasi -221307
13. Shri K.R. Wattal, M/s Chinar International, C-153, SEC. 63, Noida-201 301 UP
14. ED, Central Wool Development Board, Ministry of Textiles, Govt. of India, C-3, Shastri Nagar, Near Shastri Nagar Circle, Jodhpur 342 003 (Raj)
15. ED, National Centre for Design and Product Development (NCDPD) (Set up by Ministry of Textiles, GOI), Hall No.1 (3rd Floor), Rajiv Gandhi Handicrafts Bhawan, Baba Kharak Singh Marg, Connaught Place, New Delhi-110 001.
16. Head of the Department, Dept. of Textile Technology, IIT, Hauz Khas, New Delhi
17. The Principal, Govt. College of Engg. & Textiles Technology, 12, William Carey Road, Serampore, Hooghly -712201, West Bengal, India.
18. Secretary, Textile Committee, GOI, Ministry of Textiles, P.Balu Raod, Prabhadevi Chowk, Prabhadevi, Mumbai 400 025 - Invitee
19. Director, CSTRI, CSB Complex, BTM Layout, Madivala, Bangalore-650 068
20. Dr. R.S.Rathore, Director, All India Council For Technical Education (AICTE), Nelson Mandela Marg, Vasant Kunj, New Delhi-110070
21. Prof. Arindam Basu, Director General, NITRA, Sec-23, Raj Nagar, Ghaziabad-201002
22. The Director or nominee, National Accreditation Board for Testing & Calibration Laboratories, NABL House, Plot No. 45, Sector 44, Gurgaon - 122002, Haryana
23. Sr. AD/AD, O/o Development Commissioner (Handicrafts), West Block No. 7, R. K. Puram, New Delhi-110066
24. Director, IICT, Bhadohi-Member Secretary

58th EC meeting dated 01.11.2017 at IICT Bhadohi
 57th EC meeting dated 04.07.2017 at New Delhi
 16th AGM dated 04.07.2017 at New Delhi



Quality Policy

- ◆ To provide qualitative education to our students which targets to meet them anticipated requirements of stake holders.
- ◆ To render timely and satisfactory services in all portfolios to the Industry and all other stake holders.
- ◆ To improve Quality Management System on continual basis through complying with the requirements of standards

Mission Statement

* **Staffs**

We, the staffs of IICT pledge that:

The Attempt will be made to resolve all sorts of issues in daily coordination and / or weekly review meetings. All staff members through this process will become a part of Management of IICT and learn to be happy through dedication.

We are committed to work through this participative management process under the Director, IICT so that all stake holders like Industry partners, students, Ministry of Textiles, Office of the Development Commissioner (Handicraft), Vendors/ contractors/ Service providers/ society, media etc. become an integral part of IICT.

We are determined to develop work culture through adoption of quick response, acceptance of assignment and quality system in letter and spirit. IICT is thus committed to adopt all sorts of Quality Systems like ISO 9000, NABL, Wool mark .

Mission Statement

** **Students**

We, the students of IICT pledge:

To set an exemplary benchmark and deliver a fair treatment to the new comers by elders and vice-versa;

To be punctual and regular in our classes and maintain 100% attendance;

To work hard and deliver better results in our academic activities:

To excel in our university exams and to ensure no carry over/backlogs;

To maintain the discipline and decorum of our institute to respect counselors, faculty/staff members of IICT;

To be dedicated by contributing volunteering labour for laboratories/ infrastructure / campus development;

To work as a unit and help our junior batches and ourselves in scaling new heights in curricular as well in extra-curricular fields, thereby making the dream of developing this institution as a center of excellence and temple of learning, come true;

Shall become excellent and credible in future life and create Brand Image for IICT.

IICT is functioning through its four portfolios which are: Portfolio wise details of Activities :

1. HRD (Human Resource development) IICT PORTFOLIO

Introduced long term training like B.Tech & Diploma course.

B. Tech Course in Carpet and Textile Technology (CTT): Started in the year 2001. Thereafter, specializations in Advances in Carpet Technology (ACT)/ Home Textile Technology (HTT)/ Textile Design Technology (TDT) have also been integrated to B.Tech in CTT with the due approval of A. K. Technical University, Lucknow and accreditation to Textile Institute, Manchester, U.K. IICT has been awarded twice Star performing institute of the University.

431 Students serving the trade which includes higher studies in premier institutes like IITs, NITIE, ISM, IIM, NIFT.

228 students are under going graduation. Every year 60 students are available for placement w.e.f. July month Industry to come forward & utilise these resource .

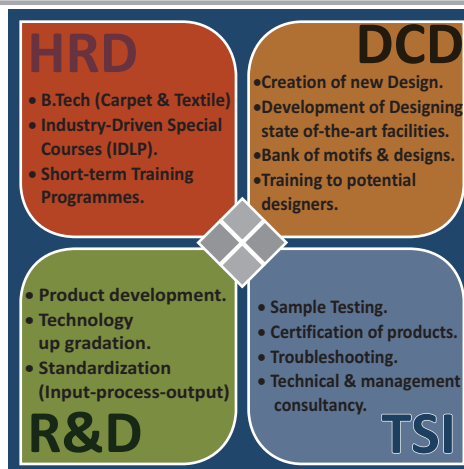
Futuristic plan: It has been possible to draft the futuristic plan which includes introduction of M.Tech in Carpet & Textile Management with 20 intakes and Ph.D. Programme covering Pre Ph.D. Course Centre for Textiles at IICT. More labs are also going to be created to cover advanced and novel activities like advanced Carpet & Home textiles manufacturing, Fashion/ Style/Texture, Designs, Information Technology EDP, Personality Dev./ language skill including foreign language other than English.

In this endeavor a holistic approach of repositioning of IICT will be made. The DPR for Phase III expansion in hand to reflect the roadmap .

International Distance Learning Programme (IDLDP)

Certificate/ Diploma course through International Distance Learning program (IDLDP) in collaboration with AG Research, New Zealand duly approved by DEC, IGNOU, MHRD, Govt. of India. Students' enrollment in process. Working person at large can take benefit.

- | | |
|--|---------------------------|
| 1. Diploma in Basic Textile Technology | (Six Certificate topics). |
| 2. Diploma in Wool Scouring Technology | (Six Certificate topics). |
| 3. Diploma in Textile Dyeing & Finishing | (Six Certificate topics). |
| 4. Diploma in Carpet Yarn Manufacture | (Six Certificate topics). |
| 5. Diploma in Carpet Technology | (Six Certificate topics). |
| 6. Diploma in Apparel Yarn Manufacture | (Six Certificate topics). |
| 7. Diploma in Carpet & Textile Designing | (Six Certificate topics). |



Industry can take benefit by enrolling their representative (s) on desired topic(s) given below by paying fee (@ Rs. 6000/- per topic) through IDLP conducted by IICT in collaboration with Ag research Ltd , New Zealand. Effect to make IDLP Diploma holders eligible for lateral entry to B.Tech. course is in progress.

• **Industry-driven special courses & IDLP Packages** - 02 students are studying.

Short term courses: Tailor made Industry driven Short Term Training programs run time to time.

MES based : Application of Computer and IT in Carpet Manufacturing. Carpet and Textile design using CAD Carpet Yarn Dyeing Carpet weaving Spinning of woolen yarn Washing & Finishing of Carpet. More than 5000 persons have been trained so far to mitigate the skill gap.

Through ISDS :1138 have been trained covering above mentioned 6 MES.

Through CHCDS: 3500 have been trained till date covering carpet weaving and another 1500 to be covered during in next phase on receipt of grant. A skill India- move, the industry to utilize these skilled manpower to mitigate the skill gap

Industry to come forward and desire demographic dividend

(Job Creation and Skill Enhance - skill India in carpet and textile sector to supplement Make in India).

2. D C D (Design Creation & Development) IICT PORTFOLIO

Design Bank Created- More than 15000 designs are in place out of which around 3500 designs have been utilized by industry for commercial purpose. The variety of Design Bank includes Traditional INDIAN Motifs (Like : Harappa, Ajanta, Mughal, Rangoli, Jaipuri, Fulkari, Kantha, Paithani, Kalamkari, Banarasi, Jamewar etc.), modern motifs etc. as per trend.

Industry at large to come forward, advice and take more benefit of bank, creativity and development - global value at local cost.

(The above initiatives could focus on design creation and skill enhancement integrating Indiya collection an attempt to propagate Indian motif in carpet and textile sectors to supplement Make in India)

(In the current financial Year)

2017-18

- Design Lab (Design sold to industries) - 05
- Design created under Design bank : 84
- Carpet Sampling Machine: It is being used by the industry to develop prototype samples of 18"x18"

3. R&D (Research & Development) IICT PORTFOLIO

Product Development:

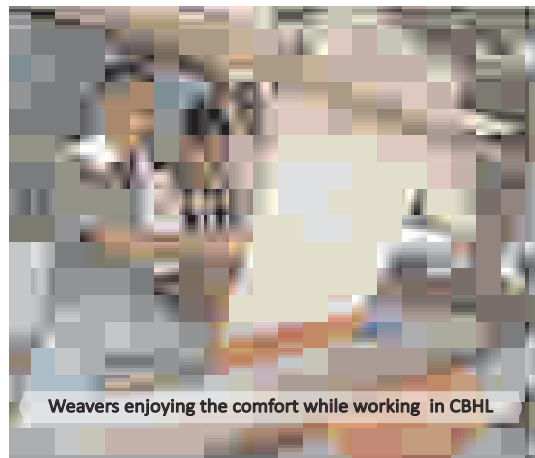
Quite a few product development activities have been completed at institutional level and or in collaboration which includes:

- Coir Based Carpet:
- Silk Carpet :
- Eri silk Carpet :
- Modacrylic based carpet :
- Handmade Astroturf type Carpet
- Natural fiber based carpet:
- Natural dyeing:
- Organic product:.
- Substitute to polyester shaggy:
- Bujun Utilization:
- Vertical Blind
- Coir Paper and Coir Silk:

Another revolutionary research supported by CCRI Alleppey, Kerala of Coir Board, Kochi is continuing for coir silk. Commercial Stage trials with reputed Rayon Manufacturing co. (Grasim & Century Rayon) are being undertaken. The value addition will benefit coconut growers and support industrialization for coir paper & coir silk Production in coconut production intensive states like Kerala, Tamilnadu of the country. - A proprietary move on supplement to Make in India Mission - Industry to come forward and explore

- **Concept of Ergonomic and Flexible Tufting Frame:**

- **Cross Bar Horizontal Loom CBHL (Wooden or Metallic) for Hand knotted and Tibetan, Shaggy, Soumak etc**



- **India Knot:** A proprietary one of IICT which permits semi knotting in loom, a supplement to Make in India Mission - Industry to come forward & Explore



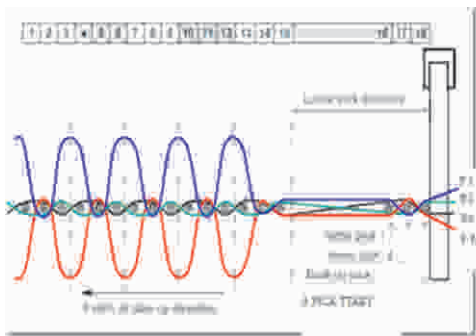
- **Snehabha Carpet Backing System:**

Polymer Backing Technology, Light weight, Washable Reported its features & feasibility in publications like carpet e world



- **Terry leno Structure** :Another proprietary Make in India move to provide a new/cost effective carpet terry structure

The benefit of this R&D concept can be taken by carpet & Home textile includes towel industry at large to enhance their market/ market share/performance.



- **Universal relation amongst diameter and linear density:**

A published academic activity to supplement Make in India Mission :

Recognized expression for predicting yarn diameter

$$d^n = \frac{l}{28\sqrt{Ne}} \text{ By F.T. Pierce, ITI 1937}$$

Revision of above to mitigate the limitation

Deduction of Universal Relationship

1. $d(\text{inch}) = \frac{l}{28.25\sqrt{Ne} \times \sqrt{r}}$
2. $d(\text{cm}) = 1130 \times \sqrt{\frac{ld}{y d}}$
3. $d(\text{inch}) = 0.445 \times \sqrt{ld \times y v}$
4. $D = \left(\frac{M}{11.8g} \right)^2 \times p$

By K.K. Goswami, Melland international, December 2015

17170 testing services provided to industry so far.

Consultancy provided to many units & organizations of repute. Further local industry units have derived free liaison visit/ trouble shooting service of IICT. which has benefitted them for instant solution their problem.



IICT Laboratories are accredited to NABL (ISO 9001.2008). Industry can take benefit of accredited facilities of global level testing/certification at local cost

▪ Carpcost Software

A Piracy proof software has been developed and ready for use on CD for cost calculation of hand knotted carpet . The updation of software has been taken up & price has been reduced to Rs.5000/- from Rs. 25000/- to support the industry.

Continuous Tufting Frame

Suitable for Tufted Carpet

It is a manual tufting process using a hand operated or electric tufting Gun for continuous design repeats for large length of carpet.

It has features such as

- Comfortable working environment with ergonomic design of frame.
- Primary Backing Cloth is supplied Continuously from a roller.
- Spike chain for guiding backing cloth with width expanding device.
- Lengthwise stretching of backing cloth by turning cloth roller through hand wheel.
- Simultaneous design printing using tracing paper or alternate use of block printing.
- simultaneous Latex backing with secondary net.
- Hot air solar inverter drying system (optional).
- Carpet winding roller with capacity up to 200 feet length.
- Superior quality of carpet production at nearly 200 sq inch per hour per weavers.



MECHANISED DHURRIE LOOM

Suitable for Floureal Design Dhurrie Weaving



Features of the machines

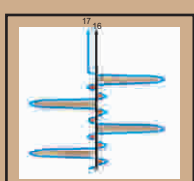
It is an improved design of vertical dhurrie loom for Hand made carpet weaving.

- Arrangement for winding bobbins from hank.
- Arrangement for warping larger length within a comfortable room environment.
- Weaving width in multiple of tree feet with Mechanical jacquard for designing.
- Uniform end spacing and accurate width adjustment
- full width panja for uniform beat up
- larger winding capacity on carpet roller.
- Ergonomic design relieving weavers from fatigue.

LENO CARPET LOOM

Suitable for Pile Carpet

It is a broad loom producing pile carpet with leno structure for better tuft withdrawal force. vertical colour stripes, horizontal row of cuts or loops, embossing or printing after weaving produce designs on leno carpets. The technique is for hand made carpet and aims to revive the hand made carpet sector in India .



weave structure

JACQUARD CARPET LOOM

Suitable for Pile Carpet



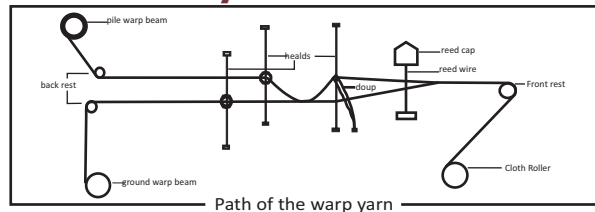
features.

It is a development of hand loom for floral pile carpet designs.

- ▲ Suitable for 2,3,4 or 5 colour designed pile carpets on loop/cut structure .
- ▲ Piles are formed by insertion wires in pile warp shed controlled by a mechanical jacquard.
- ▲ 200 Creel capacity for each colour pile yarn.
- ▲ Cotton warp from beam are controlled by heald shaft.
- ▲ Foot pedals operated Shedding for jacquard and heald shaft.
- ▲ Hand operated shuttle picking for weft insertion.
- ▲ Designed for 36 inch width for 6 piles per inch across carpet, suitable for 3-4 Nm woolen pile yarn.
- ▲ Manual card cutting using cutting plate produce endless designs.
- ▲ Various thickness wires ranging from 1/4 - 3/4 inch produce pile for different quality of woven carpet.
- ▲ The technique is handicraft in nature meant for small weavers in remote villages.

Development of woven carpet in

Terry Leno Pile Structure



Features

- Carpet prepared on handloom.
- This special handloom has both technology of terry and leno.
- The carpet produced with terry-leno technology has high tuft withdrawal force.
- Cut pile and loop pile both type of carpets can be prepared.

4. Technical Support to the Industry (TSI).

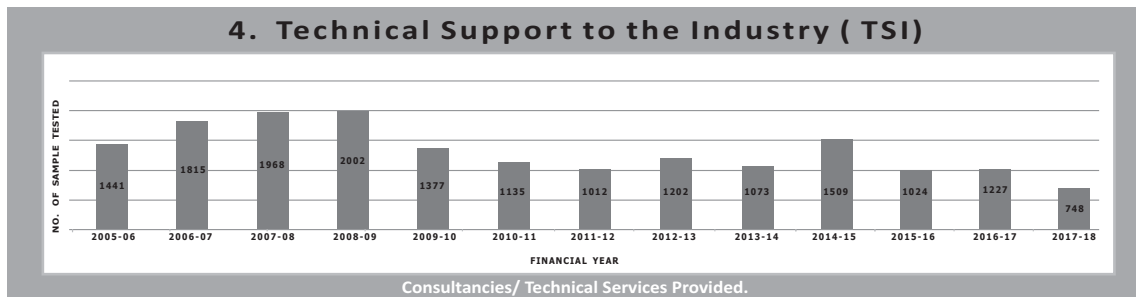
Institute has been providing continuous technical services to the industry through its various laboratories such as CAD Lab, Design Studio, Physical & Chemical Labs & Carpet Lab to fulfill their needs to compete with the global market. The details of sample testing during the year 2017-18 is as under:

Physical Lab Service	}	57
Chemical Lab Service		553
Carpet Lab		<u>138</u>
		<u>748</u>
Design Lab		: 89
a.Design bank	}	: 84
b.Sale of Design		: 5

List of Kaleen Bandhu Members (as on date 31.03.2018)

1. M/s. Bholanath International, Varanasi
2. M/s. Sahara Kasturi Handicraft Ltd., Lko
3. M/s. Jaya Shree Textiles, Rishra
4. M/s. TAG BROS, New Delhi
5. M/s. ABC Industries, Mirzapur
6. M/s. Peerless Carpet Palace, Bhadohi
7. M/s. GSL Textile India Pvt. Ltd., Ludhiana
8. M/s. Concept Creations, Panipat
9. M/s. Gloster Jute Mills Ltd., Kolkata
- 10.M/s. Jaipur Rugs Co. Pvt. Ltd.,Jaipur
- 11.M/s. Patodia Exports, Bhadohi
- 12.M/s Antique Art Export (P) Ltd. Noida
- 13.M/s Samara Carpets Pvt Ltd.
- 14.M/s Velocity Yarn Pvt. Ltd.(Associate member)
- 15.M/s Champo Carpets.Bhadohi
- 16.M/s Colourtech Industries Pvt. Ltd.

Note: 1 to 13 & 15 are life members.



- ❖ NABL Accredited Laboratory hence test reports are acceptable internationally.
- ❖ Industry can utilize the facilities available to confirm the products to be supplied as per requirement of buyers.
- ❖ Industry can hire IICT for consultation to enhance their business performance.
- ❖ "KALEEN BANDHU"- a forum created to invite eligible & interested

- of Rs. 50000/- or Rs.4000/- respectively.
- ❖ Book process control - Carpet Manufacturing : The book authored by Prof. (Dr) K.K.Goswami, Director IICT is being useful in carpet industries in respect of process control to meet the buyers requirement. Hindi version of the book has also been published and considered for distribution to trainees and others under the sanctioned scheme.

Others

- ◆ Floor Covering using Natural fibre
- ◆ Application of Natural Dyes.
- ◆ Product/ Process diversification

Party Interested may contact for further details.

The institute is established primarily to promote, aid and foster, directly or indirectly the development of carpet and floor coverings and textiles in India and of the artisans and people engaged-in or concerned with carpet floor covering and textile industries by strategically planning, introducing and executing various programs aimed to enhance the quality and competitiveness of carpet and textile industry.

Mission of the Institution:

The broad approach to achieve the vision has been through creation of role clarity and portfolios. The strategy for the same is as under:

Missions	ACTIVITY
M1: Human Resource Development (HRD)	<ul style="list-style-type: none"> ❖ Short Term Training ❖ Certificate Course ❖ Degree Course in Carpet and Textile Technology
M2: Design Creation and Development (DCD)	<ul style="list-style-type: none"> ❖ Creation of Design ❖ Development of Design using CAD ❖ Bank of Motif/Design
M3: Research & Development (R&D)	<ul style="list-style-type: none"> ❖ Product Development ❖ Technology Upgradation ❖ Standardisation: (Input Process Output) ❖ Sponsored Projects
M4: Technical Service Support to Industry (TSI)	<ul style="list-style-type: none"> ❖ Sample testing ❖ Certification of Product ❖ Trouble Shooting ❖ Technical & Management Consultancy

Program Educational Objectives (PEOs)

The institute is accredited to ISO 17025. The quality policy indicating the PEO of the institute, is as under:

- ❖ To provide qualitative education to our students, which targets to meet the anticipated requirements of stake holders.
- ❖ To render timely and satisfactory service in all portfolios to the industry and all other stake holders.
- ❖ To improve our quality management system on continual basis through complying with the requirements of this standard.

Details of Projects at IICT (Govt. & Private Sponsored)

Sr. No.	Name of the Project	Reference and date of sanction/ Project cost in Rs. Lakhs / coordinated by	Scheme/ Fund Status
1.	Five Handicraft Technical Training Programme at NER-Gangtok	No.-I-15011/9(11)/NER/HTP/ HRD/2017-18 dt. 07.12.2017, Rs. 50.56 Lakhs/ Dr. S. K. Pandey/ Sh. Darpan Singh	HRD 50% fund received
2.	Organizing one Design & Technology Development Workshop on Shaggy Carpet at Bhadohi	No.-J-12012/95/2017-18/DS/CR/SC/2035, dt. 01.03.2018 Rs. 4.80 Lakhs / Dr. B. Dasgupta/ Sh. B.C.Ray	Design 80% fund
3.	Organizing one Design & Technology Development Workshop on Patchwork Design on Dhurry Carpet Craft at Bhadohi	No.-J-12012/96/2017-18/DS/CR/SC/2031, dt. 01.03.2018 Rs. 4.80 Lakhs / Sh. S. K. Gupta/ Sh. A. Chatarjee	Design 80% fund
4.	Organizing one Design & Technology Development Workshop on Dyeing of Woolen Carpet Yarn using Natural dyes at Bhadohi	No.-J-12012/97/2017-18/DS/CR/SC/2039, dt. 01.03.2018 Rs. 4.80 Lakhs / Sh. Anu Mishra/ Sh. D. Jana	Design 80% fund
5.	Organizing one Design & Technology Development Workshop on Backing Cloth for tufted carpet at Bhadohi	No.-J-12012/98/2017-18/DS/CR/SC/2043, dt. 01.03.2018 Rs. 4.80 Lakhs / Dr. Moumita Bera/ Sh. A. Agarwal	Design 80% fund
6.	Organizing one Design & Technology Development Workshop on CAD through design concept at Bhadohi	No.-J-12012/99/2017-18/DS/CR/SC/2027, dt. 01.03.2018 Rs. 4.80 Lakhs / Dr. R.Karmakar/ Sh.C.S.Bajpai	Design 80% fund
7.	One Handicraft Technical Training Programme at NER-Shillong	No.-I-15011/9(18)/NER/HTP/ HRD/2017-18 dt. 09.03.2018, Rs. 10.11 Lakhs, / Dr. S.K.Pandey/ Sh. Darpan Singh	HRD 50% fund
8.	One Handicraft Technical Training Programme at NER-Assam	No.-I-15011/9(19)/NER/HTP/ HRD/2017-18 dt. 09.03.2018, Rs. 10.11 Lakhs, / Dr. S.K.Pandey/ Sh. Darpan Singh	HRD 50% fund
9.	One Handicraft Technical Training Programme at NER-Gangtok Carpet Belt	No.-I-15011/9(20)/NER/HTP/ HRD/2017-18 dt. 09.03.2018, Rs. 10.11 Lakhs, / Dr. S.K.Pandey/ Sh. Darpan Singh	HRD 50% fund
10.	One Handicraft Technical Training Programme at NER-Guwahati	No.-I-15011/9(21)/NER/HTP/ HRD/2017-18 dt. 09.03.2018, Rs. 10.11 Lakhs, / Dr. S.K.Pandey/ Sh. Darpan Singh	HRD 50% fund
11.	One Handicraft Technical Training Programme at NER-Meghalaya	No.-I-15011/9(22)/NER/HTP/ HRD/2017-18 dt. 09.03.2018, Rs. 10.11 Lakhs, Dr. S.K.Pandey/ Sh. Darpan Singh	HRD 50% fund
12.	One Handicraft Technical Training Programme at NER-North Gangtok	No.-I-15011/9(23)/NER/HTP/ HRD/2017-18 dt. 09.03.2018, Rs. 10.11 Lakhs, Dr. S.K.Pandey/ Sh. Darpan Singh	HRD 50% fund
13.	One Handicraft Technical Training Programme at Carpet Belt, West Bengal	No.-I-15011/9(24)/NER/HTP/ HRD/2017-18 dt. 07.03.2018, Rs. 10.11 Lakhs, Dr. S.K.Pandey/ Sh. Darpan Singh	HRD 50% fund
14.	Handmade Dhurry Design based on Indian Motifs at Jaipur Rajasthan	No. J-12012/109/2017-18/DS/NR/GEN, dt. 14.03.2018, Rs. 14.85 Lakhs / Dr. R.Karmakar/ Sh.C.S.Bajpai	Design 80% fund received

Continued.....

Sr. No.	Name of the Project	Reference and date of sanction/ Project cost in Rs. Lakhs / coordinated by	Scheme/ Fund Status
15.	Handmade Dhurry Design based on Jaipuri Designs at Jaipur Rajasthan	No. J-12012/110/2017-18/DS/NR/GEN, dt. 14.03.2018, Rs. 14.85 Lakhs / Dr. R.Karmakar/ Sh.C.S.Bajpai	Design/ Received 80% fund
16.	Sanganeri Block Printing on Cotton Dhurry Crafts at Jaipur Rajasthan	No. J-12012/111/2017-18/DS/NR/GEN, dt. 14.03.2018, Rs. 14.85 Lakhs/ Dr. R.Karmakar/ Sh.C.S.Bajpai	Design Received 80% fund
17.	Bagru Block Printing on Woolen Dhurry Craft at Jaipur Rajasthan	No. J-12012/112/2017-18/DS/NR/GEN, dt. 14.03.2018, Rs. 14.85 Lakhs / Dr. R.Karmakar/ Sh.C.S.Bajpai	Design Received 80% fund
18.	One Handicraft Technical Training Programme at Bikaner (East) Carpet Belt,	I-15011/9(1)/NR/HTP/ST/HRD/2018-19, dt. 18.05.2018, Rs. 10.11 Lakhs/ Dr. S. K. Pandey	HRD/ 50% fund
19.	One Handicraft Technical Training Programme at Bikaner Carpet Belt, (Sri Kotayet)	I-15011/9(2)/NR/HTP/ST/HRD/2018-19, dt. 18.05.2018, Rs. 10.11 Lakhs/ Dr. S.K.Pandey	HRD/ 50% fund
20.	One Handicraft Technical Training Programme at Bikaner, Carpet Belt, (Loon Karansar)	I-15011/9(3)/NR/HTP/ST/HRD/2018-19, dt. 18.05.2018, Rs. 10.11 Lakhs/ Dr. S.K.Pandey	HRD/ 50% fund
21.	One Handicraft Technical Training Programme at Bikaner, Carpet Belt, (Nokha)	I-15011/9(4)/NR/HTP/ST/HRD/2018-19, dt. 18.05.2018, Rs. 10.11 Lakhs/ Dr. S.K.Pandey	HRD/ 50% fund
22.	One Handicraft Technical Training Programme at Bikaner, Carpet Belt, (Khajuwala)	I-15011/9(5)/NR/HTP/ST/HRD/2018-19, dt. 18.05.2018, Rs. 10.11 Lakhs/ Dr. S.K.Pandey	HRD/ 50% fund
23.	One Handicraft Technical Training Programme at Bikaner(West), Carpet Belt,	I-15011/9(7)/NR/HTP/ST/HRD/2018-19, dt. 18.05.2018, Rs. 10.11 Lakhs/ Dr. S.K.Pandey	HRD/ 50% fund

Admission to B. Tech 1st year

Total intake in B. Tech. programme is 60. The JoSAA (Joint Seat Allocation Authority 2017) had allotted 60 candidates, out of which 43 candidates had taken admission from the said allotment.

Tuition Fee

The fees decided by Govt / APJAK Technical University, was realized from students.

Commencement of the Session:

The new session commenced from 01 August, 2017 for the B. Tech. V & VII- Semester classes and B. Tech I & III Semester classes started from 16th August, 2017.

Examination Result and Performance

During Financial year 1st Apr.2017 to 31st Mar. 2018, 69 students of 14th batch (2014-18) appeared
In VIII, Sem. 69 students were appeared in exam and promoted to Fourth year
In VI, Sem. 46 students were appeared in exam and promoted to Third year
In IV, Sem. 55 students were appeared in exam and promoted to Second year
In II, Sem. 44 students were appeared in exam of First year

Overall Strength as on 31st march 2018

SL.No.	Name of the Employees	Designation
1.	Prof.(Dr.) K. K. Goswami	Director & Professor
2.	Dr. R. Karmakar	Associate Professor, CTD
3.	Shri Jaihind Chauhan	Lab Assistant, Textile Test.
4.	Shri R.K.Malik	Associate Professor, CTC
5.	Shri B.C. Ray	Workshop I/c
6.	Shri Jagdish	Unskilled Worker
7.	Shri Siddhartha Shukla	Admin. Cum S. Officer
8.	Shri Jayant Deshpande	Librarian
9.	Dr. Betty Dasgupta	Assistant Professor, CT
10.	Shri C.S.Bajpai	Design Lab I/c
11.	Shri Umakant Srivastava	Admin Assistant
12.	Dr. S.K. Pandey	Associate Professor , CSM
13.	Mohd. Waseem Ansari	Library Assistant
14.	Shri Amitabh Chatterjee	Lab Assistant, Engg.
15.	Shri Anu Mishra	Assistant Professor, FST
16.	Shri Shrawan Kr. Gupta	Assistant Professor Tech. (HTT)
17.	Ms Preeti Chaurasia	Lab Assistant Textile
18.	Shri Govind Yadav	Lab Assistant Electronics
19.	Sri Rajesh Verma	Assistant Professor, Engg. (Releaved on DEC. 2017)
20.	Prof.(Dr.) Sanat Kr. Pal	Professor
21.	Sh. Durgesh Kumar Tripathi	Accounts Officer
22.	Dr. Moumita Bera	Assistant Professor, TDT
23.	Dr. Atanu Manna	Assistant Professor, Math
24.	Shri D.Jana	Lab Incharge, Chemical Lab.
25.	Shri A.Agrawal	Lab Incharge, Physical Lab
26.	Shri. H. S. Mohapatra	Assistant Professor
27.	Shri Darpan Singh	Computer Lab Assistant
28.	Shri. Vijay Kumar Gupta	Electric Technician
29.	Shri Naresh Kumar	Driver

All designation/ posts are made/being made unique in nature to build unique capacity required for the sector. Addition of employee to designation (s) may take place in due course of time to meet institute's requirement. The EC vide meeting dated 22.06.2007 resolved the issue as "Recruitment Rules including Reservation/Roster etc. to be followed/framed for all the regular posts created and being created through EFC Phase I & II respectively"

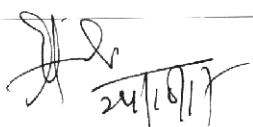
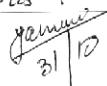
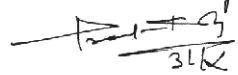
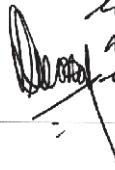
Visiting/Guest Faculty Engaged

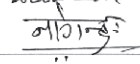
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|-----------------------------|----------------------------|
| 1. Mr. Sharat Chandra Mahto | 4. Dr. Kaushalendra Mishra |
| 2. Dr. Abhishek Pandey | 5. Dr. Manish Sinha |
| 3. Mr. D.P. Goswami | 6. Mr. U.P. Srivastava |

The engagement of visiting/guest faculty was made according to Service Rule of IICT, as per the clause no. 1 (1.13) of the Delegation of Administrative & Financial power to Director, IICT.

Date	Name & Address of visitor	Comment
21-2-2017	उमाशंकर मिश्र एवं शांकरि शिव प्रदानाचार्य श्री शिव इंस्टीट्यूट ऑफ़ मनीषा	श्री के के गौड़ स्वामी निदेशक भाई भाई जी की भव्यता कर्मठ एवं ईश्वर के प्रति श्रद्धा, व्यापक भावना, शिवाजीजी से सम्पन्न व्यक्तित्व को अपनी महामानता का दीर्घकालिक प्रथम व्यक्ति के रूप में आपकी स्तनात्मक कवि शैली, सतत उन्नयन की सद्भावना, प्रत्यक्षता, क्षमता अति प्रभावकारी हैं जो संस्था के उन्नयन में अपनी अहं भूमिका रखती है। भाई भाई जी के प्रयोग के शिवासे मैं आप का योगदान स्वर्गद्वारों में अंकित किया जायेगा। 31/11/17 4.2.2017
18/4/2017	KESHAV KUMAR, DIRECTOR, Ministry of Tech	I appreciate the comment of Dr. S. Ganesan of Punjab in saying the institute successfully. It was pleases interest the students none of which are ever placed abroad. I hope the institute just diving its success.
7th April 2017	Caroline Dulko Tom Dixon, London	Very interesting & inspiring - a great institute and very knowledgeable.
21st April 2017	FR. JOSEPH HARENDER St. Mary's School, Nal Bayer, Bhadohi	- Very good and informative - I liked it very much. - The invention of Mr. K.K. Gaurai is an eye opener.
12/05/2017	श्री सत्यदेव पन्वैरी माधवती खादी एवं ग्रामोद्योग, देशम इंदौर, बस्तापेड़ा, लक्ष्मी एवं लक्ष्मी उद्योग एवं कल्याण एक निमित्त प्रोत्साहन, 30 प्र० शासन	श्री के के गौड़ जी के भावनात्मक प्रयोग (श्री के के गौड़ जी के भावनात्मक प्रयोग का अर्थ है कि वे अपने श्री के के गौड़ जी के भावनात्मक प्रयोग के - सतत उन्नयन प्रयोग के लिए हैं।
26/05/2017	आम प्रकाशराज श्री दिवा प्रकाश सशक्तीकरण वि 651 का कल्याण विभाग 3050	मान्यवर श्री के के गौड़ जी यहाँ आने पर जो प्रस्ताव है जो वेरोपयोगी है। के लिए जो नतीजा है। दिवा प्रकाश सशक्तीकरण वर्क वर्क का मतलब श्री के के गौड़ जी 26-05-17

Date	Name & Address of visitor	Comment
2/6/2017	G. Gaubold, Ambassador of Belgium 34, Archbishop Macabies Way, ND-110003	I am glad to have an opportunity of getting acquainted with the Indian Institute of Carpet Technology and wish every success with its multi-faceted activities.
3/6/2017	Sukh Lal Bhanter Sp. Sect. Handloom & Textile Govt of U.P.	Today I have visited IICT. It is told that it is a single institute in the world, related to carpet sector. It is a doing a world level segment related carpet. Faculty are expert. Dr S.K. Pandey Associate prof is a most innovative person in the institute. My best wishes for development of this institute.
14/06/2017	VIJAY KAPOOR. M/S KAPOOR CARPETS MAHAABIR ROAD OR DALY BAZAR J.N.S.	Today I visited Ist Time we have to visit MORE TO GET MORE INFORMATION MR Goswami ji working very HARD and MANAGE our Importer NEEDS MORE TO SEAS. We will visit AND Give more time - U 9935053126
22/07/2017	maura millaney U.S.A.	Seems like a great place to study thank you so much for having me and showing me around! :)
08/08/2017	SAURABH SIMAH Student 2001-2015	It is always a privilege to come back and visit our beautiful Institute. Happy to see us progressing together.

Date	Name & Address of visitor	Comment
24/10/17	Himanta Rabra Sr. Project Officer IIE, Guwahati	Feel glad to see your institute its technology & other facilities on Carpet weft. We look forward your cooperation in next near future  24/10/17
31/10/17	Yainini Givobra Co-Founder, The Home Dream Australia	Loved the workshop area of the institute. The dining and room were eye opening. Amazing staff and campus.  31/10
31/X/2017	Prem Prakash IPS IG Range Mirzapur.	highly impressed with the presentation about the IICT by the Founder Director. My best wishes.  31/10
28/11/2017	V. KUMAR CHAIRMAN HETC Chennai.	Great initiative by IICT for the carpet industry - very impressive and good team work by the faculty. One like when to IICT and looking forward to work with them to take the industry to the next level. 

Date	Name & Address of visitor	Comment
16/3/2018	Dr H R NARENDRA CHANCELLOR, SWYASA Yoga University Sri Sri Vivekanand yoga Anusandhan Samsthan, Prashanti Kutiram Jigani Bangalore.	<p>Creativity for innovation is a must. So nice to see the same done by your design department.</p> <p>perfection needs strict monitoring and standardisation.</p> <p>Calibration achieves this. wonderful to see it happening with certifications from ISOs.</p> <p>Add yoga, it will add a new dimension to both.</p> <p>Specialised yoga modules by enhancing creativity and precision have been developed. We will be happy to add them in your courses.</p> <p>All the best With Love </p>

Prof. (Dr)K.K.Goswami, Director IICT

- **Book:**
Advances in Carpet Manufacture 2nd edition, Elsevier publication

Dr. Sanat Kumar Pal, Professor, IICT

workshops :

1. Workshop on Essentials of Human resource management from 10.07.17 - 14.07.17- 05 days at NITTTR, Kolkata.
2. HCSSC Expert for development of hand knotted carpet weavers hand book through NIMI, Chennai.

Dr. R. Karmakar, Associate Professor IICT

- **Coordinated Project/Workshop :**

Organized 25 days Workshop on “Develop Basic Element of Design creation through CAD at IICT Bhadohi” for SC category artisan Sponsored by : O/o Dc (HC), New Delhi Under Design & Technical Development workshop held at IICT- Bhadohi. (21-10-2017 to 21-11-2017)

- Organized 25 days Workshop on “Modern Carpet Design using CAD in Tufted Carpet at IICT Bhadohi” for SC category artisan Sponsored by : O/o Dc (HC), New Delhi Under Design & Technical Development workshop held at IICT- Bhadohi. (23-11-2017 to 23-12-2017).

Dr. Atanu Manna, Asstt. Professor (Math) IICT

PUBLICATIONS (2017-18):

1. A. Manna, Norm inequalities involving upper bounds of certain matrix operators in Orlicz-type sequence spaces, The Journal of Analysis (To appear), 2018, Springer.
2. A. Manna, Factorized enhancement of Copson's inequality, Tamkang Journal of Mathematics (To appear), 2018, (Tamkang University Press)
3. A. Manna, P. D. Srivastava, Property (k-beta) of Musielak-Orlicz and Musielak-Orlicz Cesaro spaces, RACSAM, DOI: 10.1007/s13398-017-0489-1. (Springer)
4. A. Manna, Certain geometric structures of λ -sequence spaces, Adv. Oper. Theory, 3 (2) (2018), 433-450. (Project Euclid-TMRG)
5. A. Manna, Norm inequalities involving upper bounds for operators in Orlicz-Taylor sequence spaces, CCIS conference proceedings of ICMC 2018 (To appear) (Springer).
6. P. D. Srivastava and A. Manna, On modular difference Sequence Spaces, Thai J. Math. (To appear) (Chiang Mai University, Thailand-Faculty of

Sh. S. K. Gupta, Asstt. Professor IICT

Journal Publications-

- S. K. Gupta, A. Majumdar and K. K. Goswami, Compressional Behavior of Persian Hand Knotted Wool Carpets using Response Surface Methodology, Indian Journal of Fibre & Textile Research, 2017, Vol. 42, 399-406.
- R. K. Verma, S. K. Gupta and H. S. Mohapatra, Multi objective Optimization in Quality Characteristics of Machine Made Tufted Carpet: Exploration of Utility Theory (UT) Based Approach, International Journal of Industrial Engineering and Design, 2017, 3(2), 8-15.
- S. K. Gupta & K. K. Goswami, Cost-Benefit and Performance of Handmade Carpets Produced with Wool, Untreated and Chemical Treated Jute Pile Yarns, Journal of the Institution of Engineers (India): Series E, March 2018, <https://doi.org/10.1007/s40034-018-0114-7>.
- S. K. Gupta, K. K. Goswami and G. K. Singh, Application of Jute Pile Yarns in Hand-tufted Carpets, Indian Journal of Natural Fibres, Vol. 4, No. 1, July, 2017.

Book Chapter Authored-

Chapter 16 “Carpet Wear Performance” of book titled “Advances in Carpet Manufacture” edited by Prof. (Dr.) K. K. Goswami, Woodhead Publishing, 2017.

International Conferences-

Presented a paper entitled “Modelling of Compressional Behaviour of Tibetan Hand-knotted Wool Carpets using Response Surface Methodology” in international conference on Advance Materials, Textiles and Processes – 2017 at UPTTI, Kanpur scheduled on 14-15 October, 2017.

Presented a paper entitled “Thickness Loss of Handmade Carpets after Dynamic Loading” in international conference on Functional Textiles and

Sh. R.K. Malik, Associate Professor & Dean, IICT

Participate in seminar titled QIP Short term course on “Bioprocess Instrumentation and Control in Bioreactor Design” from November 7 to 13, 2017.

Paper Published “ Development on brightness on handmade woolen Carpets, R.K.Malik & K.K.Gosami

Sh. Jayant Deshpandey, Librarian, IICT

Orientation Course:

- Participated in the Orientation Course "UGC-HRDC, Banaras Hindu University, Varanasi from 15.05.2017 to 11.06.2017 and obtained Grade "A".

Publications:

1. 2018, Digital Libraries :An overview of standards, Protocols and Formats, International Journal of Library and Information Studies, Vol.8(1) Jan-Mar, 2018 Impact Factor 2.8 ISSN 2231-4911.
2. 2018, USE OF THE LIBRARY AND THE INTERNET AS SOURCES OF INFORMATION, International Journal of Advance and Innovative Research, Volume 5, Issue 1 (II): January - March, 2018 Impact Factor 3.25 ISSN 2394-7780.
3. 2018, Impact of IT revolution on Library Science, IMPACT: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL), Vol.6, Issue 2, Feb 2018, 53-56 Impact Factor 3.6586 ISSN (P) 2347-4564; ISSN (E): 2321-8878.
4. 2017, Application and challenge : Mobile Technologies in Library services, GE-International Journal of Engineering Research, Vol.5, Issue 6, June 2017, pp 27-31 Impact Factor 5.613 ISSN(O)2321-1717
5. 2017, Role of IT application in Libraries & It's Impact on Library Services, Imperial Journal of Interdisciplinary Research (IJIR) , Volume -3, Issue- 2, 2017, pp 1413-1415 Impact Factor 3.7 ISSN:2454-1362.
6. 2017, Marketing of Information Services & Products , Imperial Journal of Interdisciplinary Research (IJIR) , Volume -3, Issue- 2, 2017), pp 1416-1418, Impact Factor 3.7 ISSN:2454-1362.
7. 2017, LIBRARY SERVICE IN ICT ENVIRONMENT, International Journal of Advanced Engineering, Management and science (IJAEMS), Volume 3, Issue 2, (Feb 2017), Impact Factor 3.661 ISSN:2454-1311.

BOOK CHAPTER

- Publishing a chapter with Rajat Publications, New Delhi in a festschrift volume in honor of Dr. Arjun Singh "Changing Landscapes in Library and Information Science" 2018. ISBN:978-81-7880-797-3.

Editorial Board Members:

International Journal of Library Automation, Networking and Consortia (IJLANC).

Sh. B.C.Ray, Workshop In Charge, IICT

Publication:

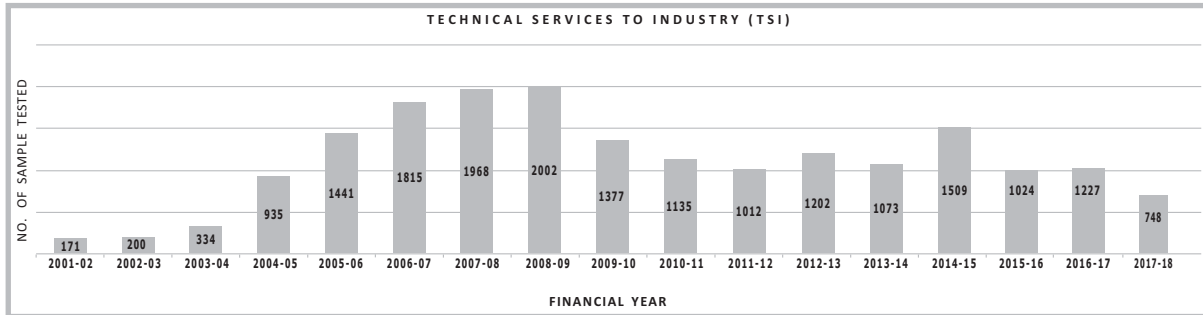
1. " Application of Wool in Hand Made Carpet Perspective- Some Technical Interventions" published jointly by Biman ch. Ray, Sangita Deodiya, Divya Ojha, in National Seminar on " Trends and Advances in Wool and Specialty Hair" dated 16th-17th March, 2018. Venue- Department of Clothing & Textiles, G.B. Pant University of Agriculture and Technology, Pant nagar.
2. " Role of Skill up gradation in Carpet Industry in Socio- Economic Perspective" published jointly by Anu Mishra, B.C. Ray, in National Conference on Fashion Apparel and Textile (NCFAT'18) theme "Innovation & Entrepreneurship" A path for growth of Fashion & Textile Industry, dated- 27th March 2018, Venue- AMITY SCHOOL OF FASHION TECHNOLOGY , Amity Directorate of Applied Arts/Fine Arts/Performing Arts/Visual Arts Amity University, Uttar Pradesh, Noida- 201313 (U.P.) India.

Sh.C.S.Bajpayee , In charge-DESIGN LAB, IICT

- Participated in the INDIA CARPET EXPO - 2017 from 03/10/2016 to 06/10/2016, Sponsored by CEPC at S.Sanskrit University, Varanasi.
- Participated in the INDIA CARPET EXPO - 2017 from 27/03/2017 to 30/03/2017, Sponsored by CEPC at Pragati Maidan, New Delhi.
- Coordinated **Project/Workshop** :
 - Organized 25 days Workshop on "Develop Basic Element of Design creation through CAD at IICT Bhadohi" for SC category artisan Sponsored by : O/o Dc (HC), New Delhi Under Design & Technical Development workshop held at IICT- Bhadohi. (21-10-2017 to 21-11-2017)
 - Organized 25 days Workshop on "Modern Carpet Design using CAD in Tufted Carpet at IICT Bhadohi" for SC category artisan Sponsored by : O/o Dc (HC), New Delhi Under Design & Technical Development workshop held at IICT- Bhadohi. (23-11-2017 to 23-12-2017).

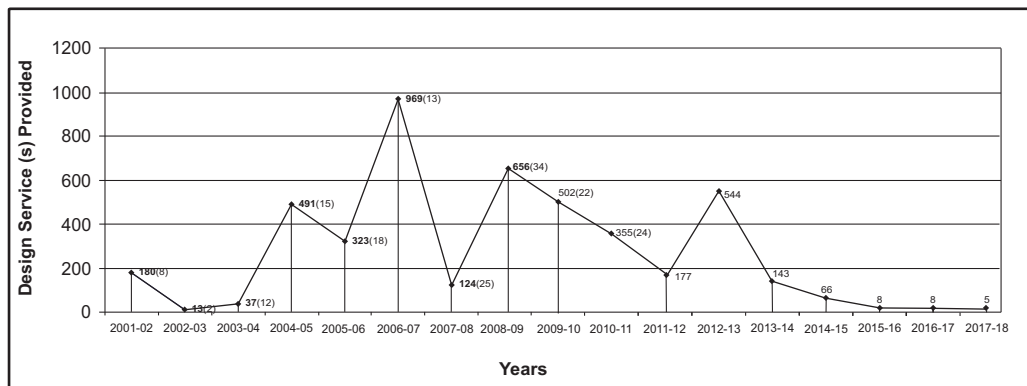
Testing Services

4. Technical Support to the Industry (TSI)



Design Lab Services

(Graphical representation based on sold designs)



Trainees trained by Design Lab

(Graphical representation based on trainees no.)

