Mens sana incorporre sano - so goes the adage: a sound mind in a sound body. Since its inception in the year 1962, IPIRTI has been relentlessly working for the conservation of Nature and ambient Environment by innovating green technologies for conversion of fast growing farm forestry timber into value added panel products in the interest of saving forest trees and for carbon locking towards the sustenance of present and future generations to come over the planet Earth. Abreast of many other organisations working for a green future, IPIRTI has been counted as one of the premier Institutions of South Asia for the pioneering outputs by the successive groups of Scientists. Not only it is a pre-requisite to have a long term realistic vision in the pertinent direction but also to keep upping the ante in a sustained manner with a missionary zeal. In order to maintain the optimum parameters of our external environment, we have to inculcate right inputs to the intellectual psyche for the discipline, tenacity and persistence of our internal operating system i.e. our mind.

During the month of June’ 2019 all IPIRTIans zealously guarded and enriched both the external and
internal environments by observing World Environment Day (WED) on 5th June’2019 and International Day of Yoga (IDY) on 21st June’2019.

Celebrations at IPIRTI, Bengaluru

IPIRTI celebrated WED’2019 in tune with current year theme “Beat Air Pollution” with various activities such as planting the saplings in the Institute Campus, creating the link in the institute website to spread awareness on Air Pollution and Green deeds, displaying the banners & posters and movies related to Air Pollution, conducting various competitions viz. debris collection, multimedia and environmental quizzes among all the staff and trainees. In tandem with the above celebration, IPIRTIans observed IDY’2019 in collaboration with Isha Foundation by participating in sessions of Yoga, Mediation, Isha Kriya to have a proper harmony and balance among Mental faculties to rededicate themselves in the interest of human kind.

While observing the above functions the bottom line is to have a sustainable and green planet earth which may be achievable by regular innovations through a healthy, balanced and disciplined mind.

“Blissful mind, exuberant Environment”
“Jai Hind”

Dr. B.N. Mohanty, IFS
Director
The management of wastes, in particularly industrial wastes, as an economically and environmentally acceptable manner is one of the most critical issues faced by the modern industries. This is mainly due to the increased difficulties in properly locating disposal works or areas and complying with more stringent environmental quality requirements.

Paper is one of the essential commodities for daily use and paper industry forms the core sector of our country’s economy. During the digestion process of paper making, in the second stage after refining, the pulp is screened, cleaned and most of the process water is removed in preparation for paper making. The larger fibers which are not used for paper making is discarded which can find use in other value added products. Utilization of this pulp mill waste to convert it into value added composite products which otherwise may be dumped under sludge disposal is the main concern of this project. This development would help in bringing down the pollution levels.

Under this project characterization of the wood pulp waste supplied by paper industry was carried out. The process parameters and material sizing for making single layered particle board of 12 mm have been optimized. Conventional urea formaldehyde resin and phenolic resin with necessary additives were employed in this study. The particles were sieved to remove the dust particles. The particles of the wood pulp mill waste free from fine dust were blended with the respective adhesive system for various applications. The blended materials were formed to requisite mat size of 33 cm x 33 cm, hot pressed in a hydraulic hot press to finally yield a compressed product of 12 mm thickness. The panels made were evaluated for physical and mechanical properties as per relevant specification. The panels conform to the requirement of strength properties as per IS 3087-2005: Specification for general purpose medium density particle board for single layered hot pressed panels.
Industry/Organisation visits

12.04.2019 & 26.04.2019: Dr. Pradeep Kumar Kushwaha, Scientist visited Dimapur, Nagaland and Jote, Arunachal Pradesh for inspection of site and bamboo processing machines to establish Common Facility Centre (CFC) for bamboo.

16.04.2019: Dr. Vipin Kumar Chawla, Scientist visited Trinity state, South Sikkim for site inspection to establish Common Facility Centre (CFC) for bamboo.


25.04.2019: Dr. V.K. Upadhyay, Scientist visited M/s. Rushil Decor Ltd., Chikkmagaluru to survey and data collection for estimation of production of Medium Density Fibre Board (MDF) and raw material availability with related to the institute project on “Estimation and forecasting of particle board and Medium Density Fibre Board (MDF) in India”.

13-16.05.2019: Dr. B.N. Mohanty, IFS, Director, IPRTI visited Imphal, Manipur to discuss with Hon’ble Minister, Forest & Environment, Chief Secretary & Principal Chief Conservator of Forest (PCCF), Govt. of Manipur about locations and available building sheds in Churachandpur, Tengnoupal and Temanglong districts in Manipur for setting up primary processing machines. He also met senior officials of Forest Department, Secretariat & Industrial Department to expedite the matters.

13-17.05.2019: Dr. Pradeep Kumar Kushwaha, Scientist visited Dimapur, Nagaland for installation, training and inspection of bamboo processing machines at Common Facility Centre (CFC) for bamboo.
27-28.05.2019: Dr. Narasimha Murthy, Scientist visited M/s. Anuradha Timbers, Hyderabad for undertaking on-site inspection and identification of wood samples.

31.05.2019-03.06.2019: Dr. Vipin Kumar Chawla, Scientist visited Noney, Tengnoupal and Churachandpur districts in Manipur for inspecting the site and progress of the work to establish a common facility center for bamboo processing.

05.06.2019: Shri. S.C. Sahoo, Scientist visited M/s. Geeta Door Solution Pvt. Ltd., Gandhidham to improve the quality of adhesive and rectify the floor level problems arise during manufacturing of doors.

14-18.06.2019: Dr. V.K. Upadhyay, Scientist visited M/s. Green Panel Industries Ltd., Rudrapur, M/s. Shirdi Industries Ltd., Rudrapur and Action Tesa, Sitarganj in Uttarakhand for collecting the data on production of Medium Density Fibre Board (MDF).

23-26.06.2019: Dr. Rashmi Ramesh Shanbhag, Scientist visited Indian Institute of Crafts and Design (IICD), M/s. Laxmi Ideals Interior, M/s. Mangalam Arts and M/s. Jain Plywoods, Jaipur to collect the data of imported timber end uses for the project titled “Study of Imported logs at Kandla Port and identification of alternative indigenous plantation species for import substitution”.

Meetings/Seminars/Workshops/Conferences

01-03.04.2019: Dr. Manoj Kumar Dubey, Joint Director, IPIRTI convened Pre-RAC meeting under the Chairmanship of Dr. B.N. Mohanty, IFS, Director, IPIRTI to discuss and finalize new project proposals for 63rd Research Advisory Committee (RAC) meeting.

01.04.2019: Dr. B.N. Mohanty, IFS, Director, IPIRTI had a video-conference with Mr. Richard Morris, Consultant, Malaysia and Dr. T.P. Subramony, Director & Regional Coordinator for South Asia, International Bamboo and Rattan Organisation (INBAR), New Delhi about collaboration on alternative adhesive for Bamboo Mat Corrugated Sheets (BMCS) at IPIRTI.
63rd meeting of Research Advisory Committee (RAC) held on 5th April 2019

63rd meeting of the Research Advisory Committee (RAC) of IPIRTI held on 05.04.2019 in the Conference Hall at IPIRTI, Bengaluru under the Chairmanship of Shri. Sajjan Bhajanka, President, FIPPI, New Delhi and Dr. B.N. Mohanty, IFS, Director, IPIRTI Co-Chaired the meeting. Dr. Manoj Kumar Dubey, Joint Director, IPIRTI Convened the meeting. All the Scientists of IPIRTI from Bengaluru, Field Station, Kolkata and IPIRTI Centre, Mohali were present along with other RAC members in the meeting. During the course of meeting, new projects were approved and the on-going research projects were reviewed during the meeting.

The following Research Reports in the presence of all the distinguished members that was published since last Research Advisory Committee (RAC) meeting were released by the Chairman.

RR 205 - Study on Acoustic and Thermal efficiency of particle boards made from agro residues.
RR 206 - Development of bamboo strip based composites with epoxy resin.
RR 207 - Keratin Modified Urea formaldehyde resin for particle board and plywood and study on the durability of panel products.
RR 208 - Development of composites from beverages tetra-packs wastes.
RR 210 - Preparation of Block Board with fire retardant Nano Chemicals.
RR 211 - Anatomical evaluation of adhesive penetration of timbers.
RR 212 - Study on processes to increase yield of bamboo for composite by chemical and mechanical methods.
RR 213 - A study on the effect of high temperature treatment on the dimensional stability, color, water repellency and strength of bamboo scrimber.
Dr. Dubey highlighted that during last year IPIRTI has been obtained 3 patents and 1 patent application is in process as detailed below:

- A method of manufacture of bamboo mat ridge cap for roofing with bamboo mat corrugated sheets.
- Wood preservatives and a method for protecting wood and wood based panel products.
- A method of manufacture of flooring tiles from bamboo strips.
- Development of transparent wood composite (filed through NRDC).

During the course of meeting, the MoUs signed by IPIRTI were also brought to the notice of the members.

- A Memorandum of Understanding (MoU) was signed and exchanged between IPIRTI and Cane and Bamboo Technology Centre (CBTC), Burnihat, Assam with the purpose of Establishing Common Facility Centres (CFC) at 7 states of North Eastern India.
- A Memorandum of Understanding (MoU) was signed and exchanged between IPIRTI and M/s. GICIA India Pvt. Ltd., for the “Development of National Standards for Sustainable Composite Boards (SCB)” which also focusses on emission of formaldehyde from panel products and onsite emission measurement.

In addition, more than 18 MoUs were also signed with several firms for evaluation of fire door shutters.

The Chairman in his conclusion thanked all the members for their active participation and the valuable suggestions & inputs to the project proposals decisions being taken. He wished that IPIRTI should grow more and contribute towards sustainable development of panel industry, bamboo and allied sectors. He also suggested that IPIRTI should interact more on the real life situations and Scientists should make more visits to the industries so that they can exchange the information about innovation and floor level issues.

10.04.2019: Shri. Uday D Nagammanavar, Scientist attended and presented a paper on “Energy efficient building materials” in Stakeholder Consultation Workshop at Hotel Royal Orchid, Manipal Centre, Bengaluru organised by The Energy and Resources Institute (TERI), New Delhi.

25.04.2019: Dr. Narasimha Murthy and Dr. Rashmi Ramesh Shanbhag, Scientists attended an interactive workshop to promote “Wood Preservation Technology” at Institute of Wood Science and Technology (IWST), Bengaluru.
07.05.2019: Dr. Manoj Kumar Dubey, Joint Director, IPIRTI and Dr. Vipin Kumar Chawla, Scientist attended a meeting with Shri. Manjit Singh Brar, Director of Industries and Commerce (DIC), Punjab at Chandigarh regarding Strengthening of IPIRTI Centre, Mohali.

RASHTRIYA GAURAV AWARD, 2019

Ms. Sujatha. D, Scientist – F, IPIRTI, Bengaluru has been awarded the “Rashtriya Gaurav Award, 2019” by the India International Friendship Society (IIFS) at a seminar on “Economic Growth & National Integration” organized by India International Friendship Society (IIFS) held on 27th May, 2019 at New Delhi for her Meritorious services, Outstanding Performance and Remarkable role in the field of Bioadhesive and Green technologies related to wood and wood based panel products.

29.05.2019: Shri. Dinesh Kumar. S, Assistant attended a workshop on “Capacity building on Government e-Market place (GeM)” – Training to procurement Officers at Ganga Auditorium, Indira Paryavaran Bhawan organized by Ministry of Environment, Forest and Climate Change (MoEF&CC), New Delhi.

08-09.06.2019: Dr. B.N. Mohanty, IFS, Director, IPIRTI had an official discussion with Forest officials/institutes regarding forestry at Dehradun.

11.06.2019: Dr. Pradeep Kumar Kushwaha, Scientist attended a workshop on “Incubation centres under National Bamboo Mission (NBM)” organized by Ministry of Agriculture and Farmers Welfare at New Delhi.

28.06.2019: Dr. B.N. Mohanty, IFS, Director, IPIRTI participated the valedictory function of “Post Graduate Diploma in Wood Working” at Institute of Wood Science & Technology (IWST), Bengaluru.

Exhibition

02.05.2019: Dr. B.N. Mohanty, IFS, Director, IPIRTI presided over the inaugural function “Hiraeth” – A Bamboo Art Exhibition organized by M/s. Uravu Indigenous Science & Technology Study Centre, Kerala at Karnataka Chitrakala Parishath, Bengaluru. Dr. Manoj Kumar Dubey, Joint Director and Dr. Vipin Kumar Chawla, Scientist also took part in the function.
Other activities

International Day of Yoga

21.06.2019: Dr. Manoj Kumar Dubey, Joint Director, IPIRTI, Staff members and PGDC trainees actively participated in the celebration of 5th International Day of Yoga, 2019 at IPIRTI, Bengaluru. Volunteers of Isha foundation established by Sadhguru Jaggi Vasudev visited IPIRTI, Bengaluru to demonstrate and teach Yoga postures and meditation.

Swachhata Drive

The Swachhata Day is observed at IPIRTI on last Friday of every month by organizing Campus Cleanliness Drive inside the campus and facilities. In a usual manner, all the Scientists, Technical staff, Administrative staff and PGDC trainees actively participated in the drive during this quarter as well. The drive was led by Dr. B.N. Mohanty, IFS, Director, IPIRTI.

NABL Accreditation of IPIRTI testing laboratories

New versions of Quality manual and Quality procedures of IPIRTI testing laboratories were prepared and released addressing the changes in ISO IEC 17025: 2017 from ISO IEC 17025: 2005 version to meet the revised requirements of NABL Accreditation of IPIRTI test laboratories.

The quality manual and Quality Procedures documents states the Institute/laboratory’s intentions and procedures for operating the processes within the quality management system.

ISO/IEC 17025:2017 describes the General requirements for the competence of testing and calibration laboratories, is the international reference for laboratories carrying out calibration and testing activities around the world. ISO/IEC 17025:2017 allows laboratories to implement a sound quality system and demonstrate that they are technically competent and able to produce valid and reliable results. In order to reflect the latest changes in market conditions and technology, the new edition of the standard encompasses the activities and new ways of working of laboratories today.

Visit of Dignitaries

10.04.2019: Shri. K. Thanigai and Shri. V.R Ram Kumar, Scientists coordinated and familiarised activities of IPIRTI to a team of B.Sc.(Forestry) students from Ponnampet, Kodagu who visited IPIRTI as a part of their curriculum.
16.04.2019: Shri. V.R Ram Kumar, Scientist coordinated the visit of Ar. Neelam Manjunath, CEO, Founder and Managing Trustee, Centre for Green Building Materials & Technology (CGBMT), Bengaluru and her team of twelve members. They have acquainted bamboo housing and other activities related to bamboo composite at IPIRTI during their visit.

20.04.2019: Dr. B.N. Mohanty, Director, IPIRTI, Dr. Vipin Kumar Chawla, HoD and Scientists of Centre for Bamboo Development Division (CBD) made a presentation on institute activities and had an official discussion with Shri. Git Kumar Nepram, former town planner of Manipur who visited IPIRTI, Bengaluru.

29.04.2019: Smt. Prabha Rao, IPS, Retd. (KT Cadre) visited IPIRTI and had a discussion with Dr. B.N. Mohanty, IFS, Director, IPIRTI, Dr. Manoj Kumar Dubey, Joint Director, IPIRTI, Dr. Vipin Kumar Chawla and Dr. Pradeep Kumar Kushwaha, Scientists about possibility of setting up of Bamboo Lumber Industry in Harda, Madhya Pradesh.

30.04.2019: Shri. Deepankar Garg, Director, M/s. Alstone Industries Pvt. Ltd. and Shri. Ankurhora, Director, M/s. ECOSTE, New Delhi visited IPIRTI and had a discussion with Dr. B.N. Mohanty, IFS, Director, IPIRTI and Shri. Anand Nandanwar, Scientist regarding Bureau of Indian Standards (BIS) for Wood Polymer Composite (WPC).


06.06.2019: Shri. Ritobrato Bhattacharya, Research and Development Manager, Entrepreneurship Development Institute of India visited IPIRTI Field Station, Kolkata and had discussion with Shri. Amitava Sil, Officer-in-Charge regarding innovative solutions in bamboo based technology of IPIRTI for developing entrepreneurship in Tripura.

07.06.2019: Shri. V.R Ram Kumar, Scientist coordinated the visit of Shri. Rasik Pansare, Managing Partner, M/s. Get My Parking, Bangalore and briefed about the institute activities and also scope for the start-up relating to bamboo and its composites.

10.06.2019: Shri. Chandrakant Deo, Partner, M/s. Wood Cure Enterprises, West Bengal visited IPIRTI Field Station, Kolkata to discuss with Shri. S.C. Sahoo, Scientist regarding a sponsored project.
14.06.2019: Dr. B.N. Mohanty, IFS, Director, IPIRTI addressed a team of 41 Forest Range Officer trainees and faculty members from Telangana Forest Department who visited IPIRTI as part of their South India study tour.

17.06.2019: Ar. Neelam Manjunath, CEO, Founder and Managing Trustee, Centre for Green Building Materials and Technology (CGBMT), Bengaluru and other officials visited IPIRTI and had an official discussion with Dr. B.N. Mohanty, IFS, Director, IPIRTI.

19.06.2019: Shri. Rajdeep Chatterjee, Sales Associate, M/s. Bently Systems India Ltd., West Bengal visited IPIRTI Field Station, Kolkata and had a discussion with Shri. Amitava Sil, Officer-in-Charge regarding analysis of civil engineering structures through Structural Analysis and Design (STAAD) software and its immense potential.

24.06.2019: Shri. Raj Kumar Srivastava, IFS, APCCF, National Afforestation Program and State Mission Director, National Bamboo Mission (NBM), Bengaluru visited IPIRTI and had an Official discussion with Dr. Manoj Kumar Dubey, Joint Director, IPIRTI and Dr. Vipin Kumar Chawla & Dr. Pradeep Kumar Kushwaha, Scientists.


27.06.2019: Shri. Debkumar Biswas, Scientist, Technical Textiles (Composite) Division, Indian Jute Industries Research Association, Kolkata visited IPIRTI Field Station, Kolkata and had a discussion with Shri. Amitava Sil, Officer-in-Charge regarding industrial trial of manufacturing jute composite boards using Hydraulic Press.
One Year Post-Graduate Diploma Course (PGDC) in Wood and Panel Products Technology (WPPT):
29 students of 30th Batch of One-Year Post Graduate Diploma Course (PGDC) in Wood and Panel Products Technology (WPPT) are undergoing training.

Short Term Vocational Training Course
25.03.2019-26.04.2019: One-month short term training course in “Plywood Manufacturing Technology” was conducted for 03 candidates at IPIRTI Field Station, Kolkata.

Training Undertaken
13-16.05.2019: Shri. Dipankar Pal, Carpenter, IPIRTI Field Station, Kolkata got trained up in making bamboo trusses for bamboo houses and other timber related works at Headquarters, Bengaluru.

30.05.2019: Shri. Dinesh Kumar. S, Assistant attended one-day operational training programme on “Centralized Public Grievance Redress and Monitoring System (CPGRAMS)” organized by Ministry of Environment, Forest and Climate Change (MoEF&CC) at New Delhi.

06-07.06.2019: Dr. B.N. Mohanty, IFS, Director, IPIRTI participated in two days training workshop for Indian Forest Service Officers nominated by Ministry of Environment, Forest and Climate Change (MoEF&CC) on “Management Effectiveness Evaluation of Protected Areas” held at Wildlife Institute of India (WII), Dehradun.

10-12.06.2019: Shri. Himadri Mondal, UDC (Adhoc), IPIRTI Field Station, Kolkata got trained at Headquarters, Bengaluru with related to Administration, Accounts, Stores and filling of Goods & Service Tax (GST).

26-27.06.2019: Shri. S.C. Sahoo, Scientist has undergone two days National Accreditation Board for Testing and Calibration Laboratories (NABL) training on “Awareness on Laboratory requirements as per ISO/IEC 17025:2017” at Centre for Electronics Test Engineering (CETE), Kolkata.

Special Training Course
13-31.05.2019: The students of M.Tech (Structural Engineering) of Sastra University, Thanjavur have done Summer Project in the area of “Sustainable building materials (wood based or bamboo based engineered composites)” at IPIRTI, Bengaluru for their academic purposes. Shri. Ram Kumar V.R, Scientist-B, HoD, Product Applications Division (PASD) has guided and trained them in this project.
### SHORT TERM TRAINING COURSES FOR MAY - DEC, 2019 AT BENGALURU

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Title of the Training Course</th>
<th>Duration</th>
<th>Date</th>
<th>Fees*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Low Formaldehyde Emission Adhesives For Plywood And Particle Board</td>
<td>5 days</td>
<td>Sep 16-20</td>
<td>18000</td>
</tr>
<tr>
<td>2.</td>
<td>Defects And Remedial Measures In Plywood Manufacture</td>
<td>5 days</td>
<td>Dec 23-27</td>
<td>18000</td>
</tr>
<tr>
<td>3.</td>
<td>Testing Of Plywood And Block Board As Per IS:303, IS:710, IS:1328, IS:4990 And IS:1659</td>
<td>5 days</td>
<td>Dec 02-06</td>
<td>24000</td>
</tr>
</tbody>
</table>

**Programme Coordinator:** Dr. V K Upadhyay, Head, IT & SORIT (upadhyay@ipirti.gov.in). You can apply online by filling and submitting the Registration Form (PDF)/Registration Form (doc). Registration has to be done 10 days before the date of commencement of the course by remitting prescribed course fee. Fees payable to the organization may be sent by crossed Demand Draft in favour of Director, IPIRTI, Bengaluru and sent by post to Post Bag No.2273, Tumkur Road, Yeshwanthpur PO, Bengaluru - 560 022.

* 18% GST

### SHORT TERM TRAINING COURSES FOR MAY - DEC, 2019 AT KOLKATA

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Title of the Training Course</th>
<th>Duration</th>
<th>Date</th>
<th>Fees*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Retention of Preservative Chemical</td>
<td>5 days</td>
<td>Sep 23-27</td>
<td>18000</td>
</tr>
<tr>
<td>2.</td>
<td>Testing of Plywood, Block Board, Flush Door</td>
<td>5 days</td>
<td>Oct 21-25</td>
<td>18000</td>
</tr>
<tr>
<td>3.</td>
<td>One Month Training Course on “Plywood Manufacturing Technology”</td>
<td>1 Month</td>
<td>Nov 01-30</td>
<td>24000</td>
</tr>
<tr>
<td>4.</td>
<td>Low Cost and Special Resin For Manufacture Of Plywood</td>
<td>5 days</td>
<td>Nov 18-22</td>
<td>18000</td>
</tr>
<tr>
<td>5.</td>
<td>Preliminary Bamboo Processing</td>
<td>3 days</td>
<td>Nov 27-29</td>
<td>12000</td>
</tr>
<tr>
<td>6.</td>
<td>Plywood and Adhesive manufacturing</td>
<td>3 days</td>
<td>Dec 18-20</td>
<td>12000</td>
</tr>
</tbody>
</table>

**Programme Coordinator:** Mr. Amitava Sil, IPIRTI Field Station Kolkata, 2/2 Biren Roy Road (West), Sarsuna, Kolkata-61, Tele Fax:033-24983120, Mob:09874219758 (ipirtikolkata@ipirti.gov.in). Registration has to be done 10 days before the date of commencement of the course by remitting prescribed course fee. Fees payable to the organization may be sent by crossed Demand Draft in favour of Director, Indian Plywood Industries Research & Training Institute. You can apply online by filing and submitting the Registration Form.

* 18% GST
SHORT TERM TRAINING COURSES FOR MAY - DEC, 2019 AT MOHALI

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Title of the Training Course</th>
<th>Duration</th>
<th>Date</th>
<th>Fees*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Analysis of Raw Material (Phenol &amp; Formalin)</td>
<td>3 days</td>
<td>Sept. 04 - 06</td>
<td>12000</td>
</tr>
<tr>
<td>2.</td>
<td>Testing Of Plywood As Per I:S 303, 1328, 710 &amp; 4990</td>
<td>5 days</td>
<td>Oct. 21 - 25</td>
<td>14400</td>
</tr>
<tr>
<td>3.</td>
<td>Analysis of Raw Material and Resin Manufacturing (PF &amp; UF)</td>
<td>5 days</td>
<td>Nov. 04 - 08</td>
<td>18000</td>
</tr>
<tr>
<td>4.</td>
<td>Retention of Preservative Chemical</td>
<td>5 days</td>
<td>Dec 25 - 29</td>
<td>14400</td>
</tr>
</tbody>
</table>

** Lodging and Boarding are not included and have to be arranged by the trainees. * 18% GST
Programme Coordinator: Dr. Ranjana Yadav (ranjana@ipirti.gov.in) IPIRTI Centre (MoEF&CC, Govt of India) B-65, Phase -7, Industrial Area, Mohali-160055, Punjab. Tele: 0172-5095875. Registration has to be done 10 days before the date of commencement of the course by remitting prescribed course fee. Fees payable to the organization may be sent by crossed Demand Draft in favour of Director, IPIRTI, Bengaluru. You can apply online by filing and submitting the Registration Form.

NOTIFICATION FOR CAMPUS INTERVIEW ON 23rd OCTOBER, 2019 AT IPIRTI, BENALURU

IPIRTI is a premier National Research & Training Institute in the field of Wood and Panel Products with excellent laboratory and pilot plant facilities. The Institute has been meeting the human resource needs of the growing Wood and Panel Product Industries for various positions such as Production Managers, Quality Control Managers, Marketing Managers, Team Leaders and Chemists. IPIRTI’s flagship One-Year PG Diploma Course in WOOD AND PANEL PRODUCTS TECHNOLOGY brings out highly skilled personnel’s required for wood based industries and are in great demand.

The ongoing 30th PGD (WPPT) batch with 28 trainees will be completing the course by October, 2019. Campus interview for the successful trainees is scheduled on Wednesday, the 23rd October, 2019 at IPIRTI Campus. Wood based Industries in need of trained personnel’s in Middle management cadre may contact: Dr. Manoj K. Dubey, Joint Director/Dr. V.K. Upadhya, SORIT Division, IPIRTI, Bangalore.

E-mail : contactus@ipirti.gov.in/manojkumar@ipirti.gov.in/upadhyay@ipirti.gov.in Tel. No. 080-30534004/49,