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CIN: U74899DL1987NPL002364

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# नेशनल रिसर्च डिवेलपमेंट कारपोरेशन

[वै.औ.अनु.वि. का उद्यम, विज्ञान एवं प्रौद्योगिकी मंत्रालय भारत सरकार]  
अनुसंधान विकास, 20-22, जमरूदपुर कम्युनिटी सेन्टर, कैलाश कालोनी एक्स., नई दिल्ली-110048 भारत

## National Research Development Corporation

[An Enterprise of DSIR, Ministry of Science & Tech., Govt. of India]

Anusandhan Vikas, 20-22, Zamroodpur Community Centre, Kailash Colony Extn., New Delhi-110048 INDIA

THROUGH SPEED POST

No. NRDCHQ/BD/SLIET/AD/2025

October 31, 2025

Dr. H. R. Ghatak

Head - Department of Chemical Engineering

Sant Longowal Institute of Engineering and Technology,

Longowal, District Sangrur,

Punjab-148106, India

Sub: Regarding Assignment of 3 technologies developed at Sant Longowal Institute of Engineering and Technology Longowal for commercialization through NRDC

Dear Sir,

Please refer to our earlier communication for signing of Assignment Deed of 3 technologies developed by Sant Longowal Institute of Engineering and Technology Longowal for commercialization through NRDC.

In this regard, we are enclosing herewith the two original copies of Assignment Deed prepared on Non-Judicial stamp papers to be assigned to the corporation for commercial exploitation of the technologies developed by your esteemed institute.

We request you to kindly arrange to execute both the copies with the signature of Director and signature of witnesses. The signatures of Director are also required on each page of both the assignment deeds. Please do not put any date as the same shall be put at the time of executing at our end.

After execution at your end please send us both the copies for necessary action at our end. We would send you one copy for your reference and record after completing the official's formalities.

Thanking you,  
Yours faithfully,

(Shri Ashwani Kumar)

Deputy Manager (BD) and TA to CMD

Mob: 7042983107

Email: [ashwanik@nrdc.in](mailto:ashwanik@nrdc.in)

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CIN: U74899DL1987NPL002354

Website : [www.nrdcindia.com](http://www.nrdcindia.com)

ई-मेल/E-mail : [write2@nrdc.in](mailto:write2@nrdc.in)

## National Research Development Corporation

[An Enterprise of DSIR, Ministry of Science & Tech., Govt. of India]

Anusandhan Vikas, 20-22, Zamroodpur Community Centre, Kailash Colony Extn., New Delhi-110048 INDIA

### THROUGH SPEED POST

No. NRDC HQ/BD/SLIET/AD/2026

Dr. H. R. Chatak

Head – Department of Chemical Engineering

Sant Longowal Institute of Engineering and Technology,

Longowal, District Sangrur,

Punjab-148106, India

January 13, 2026

*Submitted for records please*

*MD [Signature] 16/01/26*

*Dean (R&D)*

**Sub: Regarding submission of Original copy of AD to Sant Longowal Institute of Engineering and Technology Longowal for reference and record**

Dear Sir,

This is with reference regarding execution of Assignment Deed for three technologies between NRDC and **Sant Longowal Institute of Engineering and Technology Longowal** for commercialization of Technology through NRDC.

Now the AD has been executed at both the end on **07<sup>th</sup> January 2026**. In this regard, we are enclosing herewith one original signed copy of AD prepared on Non-Judicial stamp papers for your reference and record and another copy is retained by NRDC.

Thanking you,

Yours faithfully,

*[Signature]*  
**Er. Ashwani Kumar**  
Deputy Manager (BD) & TA to CMD  
National Research Development Corporation  
(An Enterprise of DSIR, Ministry of Science & Technology)  
20-22, Zamroodpur Community Centre, Kailash Colony  
New Delhi-110048

(Ashwani Kumar)

Deputy Manager (BD) and TA to CMD

NRDC, New Delhi

Mob: 7042983107

Email: [ashwanik@nrdc.in](mailto:ashwanik@nrdc.in)





सत्यमेव जयते

INDIA NON JUDICIAL

**Government of National Capital Territory of Delhi**

₹50

e-Stamp

₹50 ₹50 ₹50 ₹50

<b>Certificate No.</b>	: IN-DL84029649303323X
<b>Certificate Issued Date</b>	: 30-Oct-2025 01:57 PM
<b>Account Reference</b>	: IMPACC (IV)/dl1069303/ DELHI/ DL-STD
<b>Unique Doc. Reference</b>	: SUBIN-DL106930396565251791958X
<b>Purchased by</b>	: NATIONAL RESEARCH DEVELOPMENT CORPORATION
<b>Description of Document</b>	: Article 5 General Agreement
<b>Property Description</b>	: Not Applicable
<b>Consideration Price (Rs.)</b>	: 0 (Zero)
<b>First Party</b>	: NATIONAL RESEARCH DEVELOPMENT CORPORATION
<b>Second Party</b>	: Not Applicable
<b>Stamp Duty Paid By</b>	: NATIONAL RESEARCH DEVELOPMENT CORPORATION
<b>Stamp Duty Amount(Rs.)</b>	: 50 (Fifty only)

सत्यमेव जयते



₹50

Please write or type below this line

IN-DL84029649303323X



**ASSIGNMENT DEED**

**BETWEEN**

**NATIONAL RESEARCH DEVELOPMENT CORPORATION,**  
20-22, Zamroodpur Community Centre, Kailash Colony Extension,  
New Delhi 110 048

**AND**

**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Longowal, Distt. Sangrur, Punjab-148106

**Statutory Alert:**

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.

07 JAN 2026



## Assignment Deed

THIS DEED OF ASSIGNMENT made on this 04<sup>th</sup> day of January 2026

Amongst

**Sant Longowal Institute of Engineering and Technology Longowal**, an autonomous body, established by Ministry of Education (MoE) (earlier Ministry of Human Resource and Development (MHRD), in the year 1989 and fully funded by Govt. of India and controlled by SLIET society, registered under Societies Registration Act, 1860 and Having its Campus at Longowal, Distt. Sangrur, Punjab-148106, India (hereinafter called as '**Assignor**') of the **FIRST PART.**

And

**National Research Development Corporation**, an Enterprise of Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India, dealing within the meaning of and registered under the Companies Act, 1956, and now being administered under Section 8 of the Companies Act, 2013, having its Registered Office at 'Anusandhan Vikas', 20-22, Zamroodpur Community Centre, Kailash Colony Extension, New Delhi-110 048 (hereinafter called the '**Assignee**') of the **OTHER PART.**

WHEREAS the said **Assignor** is the owner in respect of the Technology(ies)/Process(es) and Know-how (hereinafter called the Development) short particulars of which are set out in the **Schedule** hereto.

WHEREAS the said **Assignee** is engaged in research, development and commercial exploitation of the invention as per its Memorandum and Articles of Association of the said **Assignee**.

AND WHEREAS according to the Memorandum of Agreement (MOA) dated 18<sup>th</sup> September 2024 signed between the **Assignee** and **Assignor**, the said Development is required to be assigned in favour of the above named **Assignee** for commercial exploitation of the said Development.

NOW THIS DEED OF ASSIGNMENT WITNESSES that in pursuance of the aforesaid Memorandum of Agreement and in consideration of a sum of Rupee one paid by the said **Assignee** to the said **Assignor**, the receipt whereof the said **Assignor** hereby admits and acknowledges and also in consideration of the covenants and conditions hereunder be observed and performed on the part of the **Assignee**, the **Assignor** do hereby and hereunder assign to the **Assignee** exclusively the said Development.



*[Handwritten signature]*



*[Handwritten signature]*



AND THAT THE SAID ASSIGNEE hereby covenants with the said Assignor that the premia and royalties received by way of commercial exploitation of the said Development will be shared between the Assignor (SLIET) and the Assignee (NRDC) in the ratio of 70% and 30% respectively.

THE SCHEDULE ABOVE REFERRED TO

Sr. No.	Title of Technology
1.	Method for isolation of alkali lignin from black liquor and product thereof
2.	Portable Apparatus for Cleansing Fruits and Vegetables
3.	Process for Removal of Phenol using Green Emulsion Liquid Membrane


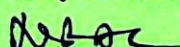
IN WITNESS WHEREOF, the authorized representatives of both the parties herein have set their respective hands and seals on the day, month and year first above written in the presence of the following witnesses:

For and on behalf of


National Research Development  
Corporation New Delhi (Assignee)

  
Cmde. Amit Rastogi (Retd)  
Chairman and Managing Director (Retd)  
नेशनल रिसर्च डेवेलपमेंट कारपोरेशन  
(ए.ओ.ए.ए. डि. का उद्योग, विज्ञान एवं प्रौद्योगिक मंत्रालय, भारत सरकार)  
National Research Development Corporation  
(An Enterprise of DSIR, Ministry of Science & Technology Govt. of India)  
20-22, जमरुंदपुर कम्युनिटी सेंटर, कैलाश कॉलोनी, नई दिल्ली-110048  
20-22, Zamrudpur Community Centre  
Kailash Colony Extension, New Delhi-110048

Witnesses 1:

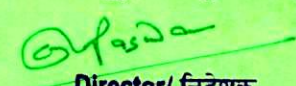
Signature:   
Name: AMIT RASTOGI  
Designation: Chairman - RD - R&D  
Address: 

Witnesses 2:


Signature:   
Name: Ashwani Kumar  
Designation: Deputy Manager  
Address: NRDC, New Delhi

For and on behalf of


Sant Longowal Institute of Engineering  
and Technology, Longowal (Assignor)

  
Dr. Mani Kant Paswan  
Director/ निदेशक  
Sant Longowal Institute of Engg & Tech  
संत लोंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान  
Longowal - 148106, Punjab (India)  
लोंगोवाल, संगरूर, पंजाब - 148106

Witnesses 1:

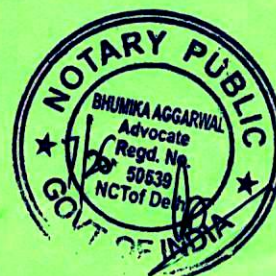
Signature:   
Name: Dr. Surinder Singh  
Designation: Dean (R&D)  
Address: SLIET, Longowal

Witnesses 2:

Signature:   
Name: Dr. H.R. Ghatak  
Designation: FI (Patent Cell)  
Address: SLIET, Longowal

ATTESTED

NOTARY PUBLIC, DELHI (INDIA)



07 JAN 2026