

# **CHEMICAL ENGINEERING**

**NAAC 2021**

**Annexure 3**



**Dr. A Mukhopadhyay**  
Head  
R&D Infrastructure Division  
Email: [tsd@nic.in](mailto:tsd@nic.in)  
Tel. + Fax: 011-26602193

भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
टेक्नोलॉजी भवन नया महरौली मार्ग नई दिल्ली - 110016

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
Department of Science & Technology  
Technology Bhawan, New Mehrauli Road, New Delhi-110016

SR/FST/ETI-414/2016

16<sup>th</sup> December 2016

Subject: Your Proposal under "FIST Program - 2016"

Dear Sir,

This is in connection with the aforesaid proposal submitted by your Department/ Centre for support under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been identified for support in Level-I or Level II category by the DST based on the recommendations of the FIST Advisory Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

To strengthen Research activities in the Department. [Being a private academic Institution the total fund shall be shared in 50:50 ratio between DST and University]

E – Rs 200.0 L [Rheocord, Surface area & Pore Size Analyser, HPLC-GPC, DSC, Autoclave Reactor]  
M – Rs 20.0L

Total: Rs.220.0 Lakh

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above for acquiring by the Department/ Centre/ School and actual cost of this project shall be firmed up based on these inputs from you and finally it may be less. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/Centre/ School would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1<sup>st</sup> installment of grant now, you are requested to please submit the following documents **latest by before 10<sup>th</sup> February 2017 (Friday)**:

- 1) One each Budgetary Quotation from Equipment supplier (all-inclusive i.e. Custom Duty, Bank & other Charges) for all Equipment recommended for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, Equipment list "to be identified & prioritized", please submit quotations of the identified & prioritized Equipment only.
- 2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the *Terms and Conditions* of DST-FIST Program available at the Website: [www.fist-dst.org](http://www.fist-dst.org). Please download 'Terms & Conditions' and submit the same on completion of all formalities along with above-said documents to DST.
- 3) Details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, etc.
- 4) For implementation of the project, the Department/School/Centre shall constitute an 'Project Implementation Group' who shall be responsible & accountable for its implementation during the project duration of 5 years. The composition of the 'Project Implementation Group' shall be informed to DST by the Department/School/ Centre.



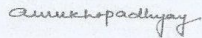
- 5) The respective Department/ School/ Centre shall handle this project grant through only Saving Bank Account at the University/ Institute level. **Hence, the concerned Department/Centre/School shall need to forward a photocopy of a Blank Cheque only for their Institute/ University Saving Bank Account which is maintained & operated by the Registrar (for University) or Director (for Institute) or Comptroller (for Agricultural University) to facilitate the transfer of grants through ECS Transfer System. The Department/Centre/School shall also ensure the registration of their respective organization under Plan Finance Monitoring Scheme (PFMS) [www.cga.nic.in] for R&D Support (1009) head of A/c and attach the Registration Details of their University/Institute along with other documents.**
- 6) The respective Department/ School/ Centre shall also provide the 12(B) Certificate issued by the University Grants Commission (UGC) towards the eligibility of that University/Institution of receiving Central assistance under the FIST program of the DST.

The Department/ Centre/ School who have already enjoyed support earlier under FIST Program and recommended for **Repeat Support** now, shall need to complete all formalities i.e. submission of Project Completion Report, Audited Financial Statements, refund of unspent funds etc. for the previously supported project under DST-FIST Program. Processing towards releasing the grants to such Department/ School/ Centre would not be possible to initiate without completion of all formalities for the previous project. **Blank Format** towards closure of previous project is also available at the Website: [www.fist-dst.org](http://www.fist-dst.org).

**Departments/ Centres/ Schools are also requested for sending all documents at one stage instead of sending them in parts by Post only. Please avoid of sending these documents by Email as well as at the last moment. Incomplete documents submitted by any Department/ Centre/ School would be unable to process for releasing grants and the matter would be kept pending maximum for six months, beyond which recommendations for the Department/Centre/School deemed to be forfeited automatically for considering support under DST-FIST Program.**

We look forward for kind cooperation from you in this regard and if any clarifications are needed, please feel free to contact us. **Please submit the following documents before 10<sup>th</sup> February 2017 (Friday). All documents will be required to send by Post. Documents shall not be sent by E-mail for releasing fund.**

With best regards.

  
(A. Mukhopadhyay)

To

**Head ,**  
Department of Chemical Engineering,  
Thapar Institute of Engineering and Technology University,  
Thapar Technology Campus, Post Box No. 32, Bhadson Road,  
Patiala-147004 Punjab

[Note: E – Equipment, NW – Networking & Computational Facility, IF – Infrastructure facility, M – Maintenance]



Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021100691

The Commissioner of Patents has granted the above patent on 7 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Parag Nijhawan of House No. 77, Street-1, Ekta Vihar,, Anand Nagar-B Patiala Punjab 147001 India

Parminder Singh of Thapar Institute of Engineering and Tech, Thapar Technology Campus, Bhadson Road Patiala Punjab 147004 India

Vinod Bhalla of Thapar Institute of Engineering and Tech, Computer Science and Engineering deptt Patiala Punjab India

**Title of invention:**

SMART SHOES FOR THE CYCLIST

**Name of inventor(s):**

Nijhawan, Parag; Singh, Parminder and Bhalla, Vinod

**Term of Patent:**

Eight years from 4 February 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 7<sup>th</sup> day of April 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021100427

The Commissioner of Patents has granted the above patent on 31 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Parag Nijhawan of House No. 77, Street-1, Ekta Vihar,, Anand Nagar-B Patiala Punjab 147001 India

Parminder Singh of Thapar Institute of Engineering and Tech, Thapar Technology Campus, Bhadson Road Patiala Punjab 147004 India

Arvind Dhingra of 296-L/2, Model Town Ludhiana Punjab 141002 India

**Title of invention:**

A NOVEL DESIGN OF A HYBRID SOLAR PV, WIND AND TIDAL ENERGY CONVERSION SYSTEM

**Name of inventor(s):**

Nijhawan, Parag; Singh, Parminder and Dhingra, Arvind

**Term of Patent:**

Eight years from 22 January 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 31<sup>st</sup> day of March 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent





Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021100553

The Commissioner of Patents has granted the above patent on 7 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Parag Nijhawan of House No. 77, Street-1, Ekta Vihar,, Anand Nagar-B Patiala Punjab 147001 India

Parminder Singh of Thapar Institute of Engineering and Tech, Thapar Technology Campus, Bhadson Road Patiala Punjab 147004 India

Arvind Dhingra of 296-L/2, Model Town Ludhiana Punjab 141002 India

**Title of invention:**

SMART SOCKS FOR MONITORING BODY PARAMETERS

**Name of inventor(s):**

Nijhawan, Parag; Singh, Parminder and Dhingra, Arvind

**Term of Patent:**

Eight years from 28 January 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 7<sup>th</sup> day of April 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020103747

The Commissioner of Patents has granted the above patent on 24 February 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Parag Nijhawan of House No. 77, Street-1, Ekta Vihar,, Anand Nagar-B Patiala Punjab 147001 India

Parminder Singh of Thapar Institute of Engineering and Tech, Thapar Technology Campus, Bhadson Road Patiala Punjab 147004 India

Amanpreet Sandhu of Chitkara University Institute of Engg, Rajpura Road Patiala Punjab 140401 India

**Title of invention:**

A cleat system for a shoe

**Name of inventor(s):**

Nijhawan, Parag; Singh, Parminder and Sandhu, Amanpreet

**Term of Patent:**

Eight years from 27 November 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 24<sup>th</sup> day of February 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

## Extracts from the Patents Act, 1990

**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

**Sec 128**                      **Application for relief from unjustified threats**

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

**Sec 129A**                      **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

*Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent*

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

*Courts power to grant relief in respect of threats made by the patentee of certified innovation patent*

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**Schedule 1**                      **Dictionary**

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent





Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2020104249

The Commissioner of Patents has granted the above patent on 14 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Parag Nijhawan of House No. 77, Street-1, Ekta Vihar,, Anand Nagar-B Patiala Punjab 147001 India

Parminder Singh of Thapar Institute of Engineering and Tech, Thapar Technology Campus, Bhadson Road Patiala Punjab 147004 India

Amanpreet Sandhu of Chitkara University Institute of Engg, Rajpura Road Patiala Punjab 140401 India

**Title of invention:**

A HEAD COVER MASK FOR MONITORING BODY TEMPERATURE AND OXYGEN SATURATION LEVEL

**Name of inventor(s):**

Nijhawan, Parag; Singh, Parminder and Sandhu, Amanpreet

**Term of Patent:**

Eight years from 22 December 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 14<sup>th</sup> day of April 2021

Commissioner of Patents

**PATENTS ACT 1990**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

## Extracts from the Patents Act, 1990

**Sect 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

**Sec 128**                      **Application for relief from unjustified threats**

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

**Sec 129A**                      **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

*Certain threats of infringement proceedings are always unjustifiable.*

- (1) If:
- (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

*Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent*

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

*Courts power to grant relief in respect of threats made by the patentee of certified innovation patent*

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

**Schedule 1**                      **Dictionary**

**certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

smittal <smittal@thapar.edu>  
to me

Sat, Nov 28, 2020, 12:25 PM

Dear Dr Gupta,

Please find below proposed quotation for Ind-Swift Labs Ltd. as per scope of work mentioned in your recent mail:

**1 (a). Tentative cost of the total consultancy job (Itemised) is given below:**

To study Environment Management System at Ind-Swift Labs Ltd : Rs 1.0 Lac  
(Layout Plans of the ETPs installed at the site and the total effluent data being treated to be made available by the client)

Verify existing environmental compliances as per PPCB requirements : Rs 1.0 Lac  
(All relevant information to be provided by the client)

Efficacy & adequacy of pollution control measures: Rs 2.0 Lac  
(All relevant information to be provided by the client)

Recommendations for improvements in technologies adopted: Rs 1.0 Lac

Terms:

1. All rates are exclusive of GST @18%
2. Payment through bank transfer/ Demand Draft only.
3. Advance payment of 50% along with the confirmed Work Order. Remaining 50% at the time of report submission.
4. Testing, as per requirement, to be charged extra.
5. Visiting charges extra as per actuals.
6. Minimum Time for submission of report : Item 1(a): 2 months; Item 1(b): 15 days after receipt of complete data

---

Please advise.

**Dr Susheel Mittal** CChem, FRSC

Senior Professor, School of Chemistry & Biochemistry (SCB),

**Chartered Chemist and Fellow, Royal Society of Chemistry (UK),**

Member, Advisory Board, Analytical Methods (RSC)

Member, Editorial Board of 'C'- Journal of Carbon Research

Professor-in-Charge, Sophisticated Analytical Instruments Laboratories (SAI Labs),

Faculty Advisor Campus Environment Management

**Formerly:** Deputy Director, Thapar Institute of Engg & Technology (Deemed to be University), Patiala

Dean (Research & Sponsored Projects) and Head, SCB

Member, Board of Governors, Thapar Institute of Engg & Technology (Deemed to be University), Patiala

Acting Head, Nava Nalanda Central Library,

Ph: 0175-2393303(O), 0175-2393205(R)

Fax: 0175-2364498(Registrar)

Website: <http://sites.google.com/view/drsusheelmittal/home>



smittal <smittal@thapar.edu>  
to me

Sat, Nov 28, 2020, 12:25 PM

Dear Dr Gupta,

Please find below proposed quotation for Ind-Swift Labs Ltd. as per scope of work mentioned in your recent mail:

**1 (a). Tentative cost of the total consultancy job (Itemised) is given below:**

To study Environment Management System at Ind-Swift Labs Ltd : Rs 1.0 Lac  
(Layout Plans of the ETPs installed at the site and the total effluent data being treated to be made available by the client)

Verify existing environmental compliances as per PPCB requirements : Rs 1.0 Lac  
(All relevant information to be provided by the client)

Efficacy & adequacy of pollution control measures: Rs 2.0 Lac  
(All relevant information to be provided by the client)

Recommendations for improvements in technologies adopted: Rs 1.0 Lac

Terms:

1. All rates are exclusive of GST @18%
2. Payment through bank transfer/ Demand Draft only.
3. Advance payment of 50% along with the confirmed Work Order. Remaining 50% at the time of report submission.
4. Testing, as per requirement, to be charged extra.
5. Visiting charges extra as per actuals.
6. Minimum Time for submission of report : Item 1(a): 2 months; Item 1(b): 15 days after receipt of complete data

---

Please advise.

**Dr Susheel Mittal** CChem, FRSC

Senior Professor, School of Chemistry & Biochemistry (SCB),

**Chartered Chemist and Fellow, Royal Society of Chemistry (UK),**

Member, Advisory Board, Analytical Methods (RSC)

Member, Editorial Board of 'C'- Journal of Carbon Research

Professor-in-Charge, Sophisticated Analytical Instruments Laboratories (SAI Labs),

Faculty Advisor Campus Environment Management

**Formerly:** Deputy Director, Thapar Institute of Engg & Technology (Deemed to be University), Patiala

Dean (Research & Sponsored Projects) and Head, SCB

Member, Board of Governors, Thapar Institute of Engg & Technology (Deemed to be University), Patiala

Acting Head, Nava Nalanda Central Library,

Ph: 0175-2393303(O), 0175-2393205(R)

Fax: 0175-2364498(Registrar)

Website: <http://sites.google.com/view/drsusheelmittal/home>