

PROF. RAVI TOTEJA | प्रो. रवि टोटेजा

Officiating Principal | कार्यवाहक प्राचार्य



ACHARYA NARENDRA DEV COLLEGE

University of Delhi | NAAC accredited: A Grade

आचार्य नरेंद्र देव कॉलेज

दिल्ली विश्वविद्यालय | एन.ए.ए.सी. मान्यता प्राप्त 'ए' ग्रेड



### Supporting Document for 3.5 Collaboration

3.5.1: Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Year	2021-22	2020-21	2019-20	2018-19	2017-18
No. of MoUs	10	9	7	5	4

Dr. Sada Nand Prasad  
Convenor, NAAC  
Acharya Narendra Dev College

कार्यवाहक प्राचार्य / Officiating Principal  
आचार्य नरेंद्र देव कॉलेज, दिल्ली विश्वविद्यालय  
Prof. Ravi Toteja  
Officiating Principal  
गोविंदपुरी, कालकाजी, नई दिल्ली-110019  
Acharya Narendra Dev College  
Govindpuri, Kalkaji, New Delhi-110019

S.No.	Name of the MoU/ Collaboration/linkage	Year	Page No.
1.	Society of Photo-Optical Instrumentation Engineers (SPIE)	2010 - till date	1-3
2.	Science Setu (Thsti Department of Biotechnology)	2016 – 2019	4-7
3.	Creative Commons Affiliate	2013-2018	8-17
4.	International Bacteriophage Research Consortium (Open Health System Laboratory, USA)	2018 – till date	18-19
5.	MOU between ANDC and The Azim Premji University	2018 – till date	20-22
6.	MOU between ANDC and PhiXGen Pvt. Ltd.	2019	23-25
7.	National Programme on Technology Enhanced Learning	2019 - till date	26
8.	MOU between Auburn University and ANDC	2021-2024	27-28
9.	MOU between Monster.com India Private Limited and ANDC	2022	29-33
10.	MOU between Entrepreneurship Cell of Open Learning, University of Delhi and ANDC	2021	34-36
11.	Science Setu (National Institute of Immunology)	2022-2025	37-40
12.	Collaboration with IIT, Delhi	2021	41
13.	Skill Hub Initiative Under PMKVY	2022	42-43
14.	Th!nk Lab– Collaboration with CUBE	2010-till date	44

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Coordinator  
**Internal Quality Assurance Cell (IQAC)**  
**Acharya Narendra Dev College**  
**Govindpuri, Kalkaji**  
**New Delhi-110019**

कार्यवाहक प्राचार्य / Officiating Principal  
 आचार्य नरेन्द्र देव कॉलेज / Acharya Narendra Dev College  
 (दिल्ली विश्वविद्यालय) / (University of Delhi)  
 गोंविंदपुरी, कालकाजी, नई दिल्ली-110019  
 Govindpuri, Kalkaji, New Delhi-110019



## SPIE leadership and guiding principles

SPIE is the international society for optics and photonics. We've operated as a not-for-profit since our founding in 1955, connecting, engaging, and serving our global constituency of more than 258,000 people from 184 countries. We are led by a dedicated team of volunteers — including a Board of Directors, multiple committees, conference chairs, and journal editors — with the mission of partnering with researchers, educators, and industry to advance light-based research and technologies for the betterment of the human condition.

Operations are directed from our headquarters in Bellingham, Washington, USA.



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# CONNECTING MINDS ADVANCING LIGHT

We are SPIE Student Chapter University of Delhi at Acharya Narendra Dev College. We collaborate with colleagues, perform outreach in the community, develop professional and leadership skills, form partnerships with industries, and reward student members with industry based experience and various grants.



About SPIE →

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(IN HUNDREDS)

### Seller Detail

Name: Thsti Department of Biotechnology

H.No: Na

Floor: Na

Street: Fbd

City: Fbd

District: Faridabad

State: Haryana

E-mail: admin@thsti.res.in

Phone: 8953431909



Purpose: general agreement

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### MEMORANDUM OF UNDERSTANDING FOR IMPLEMENTING THE SCIENCE SETU PROGRAMME IN COLLEGES

This Memorandum of Understanding (MoU) between The TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE (THSTI), and ACHARYA NARENDRA DEV COLLEGE, hereinafter called parties of the first part and second part respectively.

2. WHEREAS THSTI located at NCR-Biotech Science Cluster, 3<sup>rd</sup> milestone, Faridabad-Grugaon Expressway, Po box no. 04, Faridabad-121001 is an autonomous institute of the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, registered under the Society Registration Act, 1960;
3. WHEREAS Acharya Narendra Dev College, University of Delhi is located at Govindpuri, Kalkaji, New Delhi-110019.
4. WHEREAS, The Science Setu Programme approved by the Governing Body of the THSTI aims to contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option.
5. WHEREAS, both parties of the first and second part wish to come together in synergistic partnership to implement the above-said Science Setu Programme, this Memorandum of Understanding is being executed to clarify the intent and purpose and mode of implementation of the programme.
6. Now, the parties of this MoU mutually declare and agree to the following:

Page 1 of 4

6.1 Name

The name of the programme will be **THSTI- Acharya Narendra Dev College Science Setu Programme**

6.2 Goal

To contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option

6.3 Objectives

- a) To address the changing needs of teaching, learning and research in biological sciences
- b) To link the Translational Health Science and Technology Institute (THSTI) in the spirit of "success through access" to undergraduate teaching in biological sciences
- c) To engage a talent pool of potential biology students in the delivery of innovation, research and continuous development
- d) To act, through all the above, as a catalyst of change

6.4 Mode of Implementation

- a) THSTI and Acharya Narendra Dev College commit themselves to interact through mutual consultation and formal partnership towards meeting the goal and objectives of the programme.
- b) Engagement with the Acharya Narendra Dev College by THSTI would be on-site, and/or through *e-learning* approaches depending on feasibility.
- c) This commitment shall be treated as a national service intrinsic to the mandate of THSTI and Acharya Narendra Dev College and shall neither involve remuneration/honoraria in any form, nor be treated as a cause for modification of any current institutional goals.
- d) Adequate flexibility would be built in to ensure that the programme adds value to undergraduate education.
- e) The level of engagement and the best time to commence the same will be decided through mutual consultation.
- f) Programme of engagement could include one or more of the following depending on specific need and feasibility:
  - (i) Lectures/discussion
  - (ii) Laboratory exercises
  - (iii) Mentorship to student science projects
  - (iv) Mentorship to teacher science projects
  - (v) 'College Teacher Forums' to discuss broad issues on latest developments in science, career opportunities, innovative methodologies in teaching/research, science & technology policy issues, and other related areas.
  - (vi) Summer student/teacher internships
  - (vii) Any other as mutually agreed

#### 6.5 Role and Responsibilities of THSTI

- a) THSTI commits to designate a mutually agreed number of its scientists/faculty members toward this programme for at least 12 hours of engagements per year.
- b) This may be distributed flexibly by the designated scientist within each centre of THSTI.
- c) THSTI will take care of the logistics of conveyance of the scientist(s) to and from the College, whenever the interaction is on site or outside THSTI.
- d) Depending on feasibility, THSTI would make appropriate arrangements in consultation with Acharya Narendra Dev College for e-learning at its end.
- e) Depending on feasibility, THSTI will also facilitate interaction on its premises.

#### 6.6 Role and Responsibilities of Acharya Narendra Dev College.

- a) Acharya Narendra Dev College commits to receive and appropriately facilitate the interaction between the designated THSTI faculty / scientist (s), and its teachers/students so as to fulfil the goal and objectives of the programme.
- b) It will designate a nodal person to interact with the THSTI scientist (s).
- c) It will take care of the logistics of conveyance of its teachers/students whenever the interaction is outside its premises.
- d) Depending on feasibility, Acharya Narendra Dev College would make appropriate arrangements in consultation with THSTI for e-learning at its end.

#### 6.7 Budget for the Programme

The programme will be accommodated within the annual budget of each party.

#### 6.8 Programme Review

The Governing Body of THSTI shall review the programme for implementation at the end of one year for implementation and three years for performance.

#### 6.9 Termination

Either party to this MoU has the right to terminate the MoU upon serving a written notice of 30 days to the other party should the other party commit a breach of any of the provisions of this MoU.

#### 6.10 Interpretation and Dispute Resolution

- a) If any dispute arises between the parties hereto arising out of or in connection with the interpretation or implementation or alleged breach of any provision of this MoU, the parties hereto shall endeavour to settle such breach amicably.



b) In case the dispute cannot be resolved after reasonable attempts within 5 days, one of the parties shall give a written notice to the other to this effect. In such a case the matter shall be referred to the Executive Director, THSTI as a sole arbiter, whose decision will be binding on both the parties.

7. This MoU is valid for three years from the date of signing. It can be extended further through mutual agreement.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE EXECUTED THIS MoU ON 10 (DAY), 11 (DATE), 11 (MONTH) 2016.

<p>Signed: <u>[Signature]</u></p> <p>For and on behalf of Translational Health Science and Technology Institute                  संपत्ती निदेशक / Executive Director                  [पञ्च सरकार, सं विद्या एवं प्रौद्योगिकी विद्यालय का एक स्वायत्त संस्थान]                  Seal: [Seal]                  Translational Health Science and Technology Institute                  (An autonomous Institute of the Deptt. of Biotechnology, Govt. of India)                  MCR Biotech Science Cluster, 3rd Milestone, Faridabad-Gurgaon Expressway,                  PO Box No. 64, Faridabad-121001 Haryana, India</p>	<p>Signed: <u>[Signature]</u></p> <p>For and on behalf of Acharya Narendra-Dev College                  Principal                  Acharya Narendra Dev College                  (University of Delhi)                  Govindpur, Jajpur                  New Delhi-110019</p>
<p>Witnesses</p> <p>1. <u>[Signature]</u> (KRITI KOHLI)</p>	<p>Witnesses</p> <p>1. <u>[Signature]</u> Dr. Umi Bappa</p>
<p>2. <u>[Signature]</u> (MR. S. DASGUPTA)                  TRAKUX</p>	<p>2. <u>[Signature]</u> (Dr. Amit Singh)</p>



6 May 2018

Sarita Kumar  
Acharya Narendra Dev College, University of Delhi

*Re: Institutional Membership in the Creative Commons Global Network ("CCGN")*

Dear Sarita Kumar,

This letter confirms that your institution's application for membership in the CCGN has been approved. This letter is subject to your agreement with the terms and conditions of this letter. Please review carefully and return a countersigned copy to [legal@creativecommons.org](mailto:legal@creativecommons.org).

1. In light of the new structure of the Creative Commons Global Network, the Memorandum of Understanding dated 30 April 2013 between Creative Commons and Acharya Narendra Dev College, University of Delhi was terminated by CC as of 13 April 2018.
2. You confirm that Acharya Narendra Dev College, University of Delhi has not registered any trademarks incorporating the CC name, the double-c in a circle, or other trademarks of CC. Any ongoing use of Creative Commons trademarks in connection with your membership is governed by our trademark policy (<https://www.creativecommons.org/policies>).
3. You represent and warrant that you are an authorized representative of Acharya Narendra Dev College, University of Delhi and have all power and authority necessary to enter into this agreement on its behalf. By signing below, Acharya Narendra Dev College, University of Delhi's agrees to the CCGN Charter at [https://creativecommons.org/wp-content/uploads/2017/11/Global\\_Network\\_Membership\\_Charter.pdf](https://creativecommons.org/wp-content/uploads/2017/11/Global_Network_Membership_Charter.pdf) and is bound by its terms.

Please sign below to indicate Acharya Narendra Dev College, University of Delhi's agreement with the foregoing. Once returned, your Institutional Membership in the CCGN will become effective. Congratulations!

7

## Memorandum of Understanding (Affiliate)

### Plain English Summary

The overarching purpose of this Memorandum of Understanding is to ensure that Creative Commons and its Affiliates fully understand their duties respective to each other. Among other things:

Affiliate is responsible for translating CC Licenses, Legal Tools and supporting information (if primary language in jurisdiction is other than English).

Affiliate is responsible for fielding inquiries about CC in the jurisdiction.

Creative Commons is responsible for hosting all CC Licenses and Legal Tools, and

Affiliate is responsible for keeping Creative Commons updated on relevant legal changes and CC opportunities in Affiliate's jurisdiction and Creative Commons is responsible for keeping Affiliate updated on current procedures, policies and opportunities at Creative Commons.

Creative Commons Corporation, a Massachusetts non profit corporation with a business office at 444 Castro Street, Suite 900, Mountain View, CA 94041, U.S.A. ("CC" or "Creative Commons"); and Acharya Narendra Dey College (University of Delhi), located at Govindpur, Kalkaji, New Delhi, 110019 ("Affiliate"), agree to collaborate on the Project (as defined below), on the terms and conditions set forth in this Memorandum of Understanding ("MOU"), effective as of {date} (the "Effective Date").

WHEREAS, the parties wish to work together to advance the mission and goals of Creative Commons and the communities it supports and enables, through the advancement of public education and outreach about CC licenses, tools, technology and programs, among other things, for the purpose of cultivating a cultural commons of shared intellectual, scientific, educational and creative content; and

WHEREAS, Affiliate desires to become part of CC's global affiliate network (the "CC Affiliate Network") and agrees to contribute to, and collaborate and coordinate with, the other members of the CC Affiliate Network within the jurisdiction in which Affiliate operates as well as throughout Affiliate's geographic region and the rest of world.

The parties agree as follows:

1. The Project. CC and Affiliate agree to collaborate in India (the "Jurisdiction") on the following project components (collectively, the "Project"), and in connection therewith Affiliate may refer to itself as a CC India Affiliate or similar title:
  - (a) Advisory on Policy Developments and CC Opportunities. Affiliate agrees to keep CC updated on policies and policy developments in the Jurisdiction that may impact CC licenses, CC and other legal tools and licenses proposed and/or

published by Creative Commons (collectively, the "CC Legal Tools"), CC, its programs, and the Project in the Jurisdiction. This may include responding to inquiries as CC may reasonably request for information about existing and future policy developments in the government and private sectors in the Jurisdiction. Additionally, Affiliate agrees to inform CC about license adoption opportunities as well as other opportunities for CC to expand its outreach efforts within the Jurisdiction. This includes, without limitation, providing guidance on CC outreach within the Jurisdiction and making itself reasonably available to discuss current efforts, as well as policy developments and other opportunities in the Jurisdiction that relate to the Project.

(b) CC Jurisdiction Webpage(s). Affiliate agrees to assist CC with the maintenance of and updates to the Jurisdiction-specific webpage(s) on Creative Commons' main website, as CC may reasonably request. Affiliate must at all times comply with the CC Internet Services Policy, as the same is made known to Affiliate and updated or revised from time to time in CC's sole discretion (the "Internet Services Policy").

(c) Jurisdiction Website. On an ongoing basis, Affiliate agrees to provide information to the public in the Jurisdiction about Creative Commons and its programs, the CC Legal Tools and other developments. This may include updates from CC about internal developments, CC public announcements, and/or CC program and activity updates. Additionally, if already in existence or if one is developed during the term of this MOU, Affiliate agrees to participate in the administration and maintenance of a Jurisdiction-specific website (the "Jurisdiction Website") relating to the Project and other CC-related activities for the Jurisdiction, which website will serve in part as a forum for providing the foregoing information. In connection with the Jurisdiction Website, among other things Affiliate agrees to translate and supplement as appropriate the FAQ and any other sections of the Creative Commons website pages used on the Jurisdiction Website, all in the primary language(s) of the Jurisdiction, to ensure that the FAQ and other sections remain consistent with the corresponding sections of CC's main website and are accurate based on all current CC Legal Tools. When working on the FAQs or any other pieces of the Jurisdiction Website that present legal information, Affiliate will consult with and receive guidance from members of its team that have legal training. In performing its obligations hereunder, Affiliate must at all times comply with the CC Internet Services Policy.

(d) Public Outreach and Education; CC Promotion. Affiliate agrees to plan, conduct and assist with CC outreach activities in the Jurisdiction, as may be mutually agreed to by CC and Affiliate from time to time, as set forth in the Roadmap (defined below). This may include hosting, organizing and participating in CC salons and other public events, and similar events organized by others, that educate the public and communities about CC Legal Tools and help foster, build and support communities that may adopt CC Legal Tools in a range of fields, including education, science, culture, government and other relevant areas in the Jurisdiction. This should also include providing information

to the public about CC, as described in the previous paragraph. Further, Affiliate agrees to promote current CC Legal Tools (to the exclusion of previous license versions and other public licenses and legal tools, other than software licenses) whenever possible, and to adhere to and publicly promulgate CC positions on matters relating to the public domain, license proliferation and such other matters as CC makes known to Affiliate, including when responding to public inquiries.

(e) Public Inquiries. Affiliate agrees to field and respond to inquiries related to the Project, including the CC Legal Tools, as well as inquiries related to Creative Commons generally. Affiliate agrees to respond to such inquiries in a reasonably prompt and professional manner, and to refer inquiries outside the scope of Affiliate's expertise to CC or another qualified member of the CC Affiliate Network.

(f) CC Affiliate Network. Affiliate agrees to participate in and contribute constructively to the CC Affiliate Network. This includes participating in regional and global gatherings (whenever feasible), on regional and global email lists and other discussion fora, responding to requests for assistance (when feasible) from other members of the CC Affiliate Network and otherwise collaborating with and assisting other members of the CC Affiliate Network. Further, Affiliate agrees to provide reasonable assistance to new and existing members of the CC Affiliate Network (as a "mentor"), when requested and to the extent feasible. This may include providing guidance to such members about Affiliate's experiences with the Project. If requested by CC, Affiliate agrees to moderate the jurisdiction-specific or a region-specific email discussion list.

(g) Shared Project Responsibilities. CC and Affiliate acknowledge and agree that the Project is run (currently) by two affiliate institutions. The responsibilities identified in Section I (a) through (f) above, and those identified in Section II (a) and (b), below, may be cooperatively shared and/or divided amongst the institutions in a manner to be determined by those institutions and communicated to CC. For the avoidance of doubt, the two affiliate institutions need only produce a single report when those are requested pursuant to Section II(a), below, and a single Roadmap pursuant to Section II(b), below, in both cases provided that the report and Roadmap are acceptable to all affiliates.

II. Additional Affiliate Responsibilities. In addition to the responsibilities undertaken by Affiliate in Section I, above, Affiliate agrees as follows:

(a) Periodic Reporting. Affiliate agrees to provide timely written reports about the Project and Affiliate's activities under this MOU, as may be reasonably requested by Creative Commons from time to time but no less than annually. CC agrees to provide Affiliate with reasonable notice in advance of any deadlines for submission of the reports, and will notify Affiliate of the format and requested content of the reports.

(b) Roadmaps. No less than annually after the effective date of this MOU, Affiliate will prepare and submit a proposed roadmap to CC detailing Affiliate's plans for undertaking and advancing the various components of the Project detailed in this MOU, including metrics for the Affiliate work (the "Roadmap").

CC will work with Affiliate to finalize the Roadmap, at which point the Roadmap will be published on the CC website. CC will provide guidance on the format and content of the Roadmap. For the avoidance of doubt, the Roadmap is not legally binding.

(c) Adherence to CC Policies. Affiliate must comply with all current CC policies published by CC on its website policies page (<http://creativecommons.org/policies>) (collectively, the "CC Policies"). For the avoidance of doubt (and by way of highlighting some policies, without limitation):

- (i) Affiliate may not use CC's trademarks and logos for any purposes (including as a name for any entity or organization) other than as expressly permitted by this MOU, the CC Policies or upon the prior written consent of CC; and
- (ii) Affiliate shall not under any circumstances host or attempt to host any CC Legal Tools (whether in human-readable, lawyer-readable or machine-readable formats, or any other forms or formats whatsoever).

(d) Affiliate Team. Affiliate agrees to provide CC with the names of all persons who are working directly with CC HQ. Those assisting Affiliate with the Project and in performance of Affiliate's obligations under this MOU (the "Affiliate Team") should be informed that they may submit their own information voluntarily to Creative Commons for CC HQ's internal records. Affiliate must promptly advise CC of any changes to the composition of the Affiliate Team, and must promptly respond to requests from CC for current Affiliate Team information. Affiliate acknowledges and agrees that CC may record the names, titles, email addresses and other contact information of the members of the Affiliate Team, and will publish information about at least one person (to be designated by Affiliate) on CC's website for public contact purposes.

(e) Expertise. Affiliate's obligations under this MOU do not include legal work, and Affiliate agrees to delegate tasks arising from the Project that require legal expertise (such as responding to complex legal questions about CC Legal Tools) to CC or other properly trained lawyers. Upon the request of Creative Commons, Affiliate agrees to inform CC of the identity of the legal personnel who are performing such tasks.

(f) Cooperation and Responsiveness. Affiliate agrees to cooperate and respond promptly to Creative Commons with respect to the activities and obligations described in this MOU. This includes, without limitation, periodically reviewing Affiliate's progress against the Roadmap, establishing metrics in collaboration with CC, and cooperating and participating constructively with other affiliates in the CC Affiliate Network. This also includes, without limitation, coordinating and cooperating with other CC affiliates operating in the jurisdiction, to the extent that such other affiliates have similar, overlapping, or other distinct responsibilities vis-à-vis CC, whether under a memorandum of understanding or other agreement with Creative Commons.

III. Additional CC Responsibilities. In addition to the responsibilities undertaken by CC in Section I, above, Creative Commons agrees as follows:

- (a) Hosting. CC is responsible for hosting any and all CC Legal Tools in human-readable, lawyer-readable and machine-readable formats.
- (b) Staff. CC agrees to make its staff reasonably available to Affiliate to collaborate in furtherance of the Project.
- (c) Adherence to CC Policies, New and Revised CC Policies. CC agrees to adhere to its undertakings set forth in the CC Policies, and to administer the CC Policies fairly and uniformly to members of its CC Affiliate Network except where CC determines in its sole discretion that deviations are warranted or desirable. CC agrees to provide Affiliate with reasonable notice and an opportunity to comment on any new CC Policies and any material modifications to existing CC Policies. Notwithstanding the foregoing, CC reserves the right to make final decisions with respect to new and existing CC Policies, and agrees to provide reasonable notice in advance of the effective date thereof.
- (d) CC Updates and Information. CC agrees to use reasonable efforts to keep Affiliate updated about Creative Commons and its programs, events and activities, and the CC Legal Tools, including material, non confidential internal developments, planned public announcements, changes to existing CC programs and new program developments and related matters.
- (e) Cooperation and Responsiveness. CC agrees to cooperate and respond promptly to Affiliate with respect to the activities and obligations described in this MOU, which includes cooperating and participating constructively with the CC Affiliate Network.

IV. Termination.

- (a) This MOU commences on the effective date set forth above, and shall terminate on the first to occur of the following:
  - (i) Upon mutual agreement of Affiliate and CC;
  - (ii) Upon 15 calendar days prior written notice by Creative Commons due to material breach by Affiliate of any term of this MOU or an applicable CC Policy, provided that CC shall first give Affiliate written notice thereof and a reasonable opportunity to cure such breach where possible;
  - (iii) Upon 15 calendar days prior written notice by Creative Commons due to failure by Affiliate to make reasonable and/or consistent progress against the Roadmap or a Project component (including any timetables agreed to per the CC Policies), provided that CC will undertake to meet and confer with Affiliate in good faith in advance for the purpose of establishing a corrective plan;
  - (iv) Upon 30 calendar days prior written notice of termination of the MOU for any reason whatsoever by either party; or
  - (v) Immediately upon notice by Creative Commons if CC determines in its sole discretion that any of the activities contemplated by the MOU or the CC

olicies in any way potentially jeopardizes or otherwise adversely affects CC or its legal status, standing or reputation.

(b) Upon termination of this MOU for any reason, the provisions in Section V and Section III(c) shall survive termination of this MOU. Upon termination, Affiliate will cooperate with Creative Commons to transfer any domain names or registrations that Affiliate holds on CC's behalf. Affiliate will also cease using CC logos except as authorized by and in compliance with CC's Trademark Policy, and will cease holding itself out as an affiliate of Creative Commons.

#### V. General

(a) Financial Obligations. Neither party has any financial obligation to the other party as a consequence of exercising its rights and performing its responsibilities under this MOU and/or the CC Policies unless otherwise agreed in advance in writing by the parties.

(b) Relationship Between Parties. The parties agree that Affiliate and CC are independent and separate entities. Neither is a partner, agent or employee of the other, and nothing in this MOU shall be construed to constitute the establishment of a joint venture. Neither party shall have authority to make any statements, representations or commitments of any kind, or to take any action that shall be binding on the other party, except as may be expressly provided for in this MOU, the CC Policies or authorized in advance in writing by authorized representatives of the parties. No party may state or imply that the other party endorses or supports any specific activity or product, except as expressly authorized by this MOU, the CC Policies and/or expressly agreed to in advance in writing by authorized representatives of the parties. For the avoidance of doubt, this means that Affiliate is not permitted to make any policy statement on behalf of CC on matters relating to the Project or other activities contemplated by this MOU without CC's prior written consent, and further means that Affiliate shall not raise funds or seek funding in the name of Creative Commons, or under the guise of the MOU or a relationship with Creative Commons without CC's prior written consent.

(c) Non-Exclusivity. Affiliate acknowledges and agrees that this MOU and Affiliate's work on the Project (or any part thereof) is non-exclusive, such that CC may in its sole discretion choose to enter into similar or other agreements with other entities and individuals to collaborate on the Project and the activities described herein. Notwithstanding, CC agrees to consult with Affiliate in advance of engaging another entity or person in the Jurisdiction offering to undertake responsibilities materially similar to or overlapping with those outlined in this MOU, and to reach a mutual agreement thereon, provided, however, that Creative Commons reserves the exclusive right to make the final decision as to whether to do so and as to the terms of any such engagement.

(d) Confidential Information and Intellectual Property. Affiliate and CC each agree that, except as expressly stated in this MOU, the CC Policies and/or as expressly agreed between the parties from time to time, neither party receives any right, title or interest in, or any license or right to use, the other party's



confidential information, copyright, trade secret, trademark or other intellectual property rights ("IP") by implication or otherwise. Except as otherwise permitted by the CC Policies, Affiliate acknowledges and agrees that it must obtain the prior written consent of CC in advance of creating and using any logo or trademark that incorporates the name, trademarks, logos, images or buttons of CC.

(e) No Liability. Except to the extent required by applicable law and then only to that extent, neither party nor any trustees, directors, officers, employees or agents of either party will be liable to the other party for any damages of any kind, whether direct or indirect, including economic damages or injury to property or lost profits, regardless of whether such party is advised, had reason to know, or did know of the possibility of the foregoing.


(f) Restrictions on Lobbying. Affiliate acknowledges that CC is a non profit organization exempt from taxation under the United States Internal Revenue Code of 1986, as amended, and as such is subject to certain restrictions regarding lobbying activities (as defined therein). Affiliate understands and agrees that in connection with the performance of its responsibilities under this MOU, Affiliate shall not, on behalf of or in the name of Creative Commons, engage in lobbying, carrying on of propaganda or otherwise attempting to influence legislation in the Jurisdiction or elsewhere, as those purposes are defined by the United States Internal Revenue Code of 1986, as amended, without the prior written consent of CC. If Affiliate is in doubt about whether its proposed activities may constitute lobbying, Affiliate must consult with Creative Commons prior to undertaking them.

(g) Choice of Law; Other. This MOU shall be governed by, and construed and enforced in accordance with, the laws of the State of California, U.S.A., exclusive of its choice of law rules. The parties hereby consent to the exclusive jurisdiction of the U.S. federal and state courts located in Santa Clara County, California, U.S.A., in connection with any dispute arising out of or in connection with this MOU or its subject matter. If any provision of this MOU is held invalid, illegal or unenforceable, such provision shall be enforced to the maximum extent permitted by law and the parties' fundamental intentions and understandings hereunder, and the remaining provisions shall not be affected or impaired. Any terms of this MOU may only be amended, modified or waived in writing, signed by the party or parties sought to be bound.

(h) No Assignment. Neither party may assign or otherwise transfer, by operation of law or otherwise, this MOU or any of the rights, licenses or obligations hereunder without the prior written consent of the other party. Any other purported transfer or assignment will be void.

(i) Entire Agreement. This MOU constitutes the entire agreement between Affiliate and CC, and supersedes all prior agreements and understandings (including prior MOUs and/or affiliate agreements) between the parties with respect to the subject matter hereof. If any term or condition of this MOU conflicts with a Roadmap, the terms of this MOU prevail.

(Signature page follows)

Creative Commons Corporation	CC India
Name: Diane M. Peters Title: General Counsel	 Name: Savitri Singh Title: Principal <small>Principal, University of Delhi University of Delhi New Delhi, India</small>
Date: _____	Date: <u>25.04.2013</u>

CC will work with Affiliate to finalize the Roadmap, at which point the Roadmap will be published on the CC website. CC will provide guidance on the format and content of the Roadmap. For the avoidance of doubt, the Roadmap is not legally binding.

(c) Adherence to CC Policies Affiliate must comply with all current CC policies published by CC on its website <http://creativecommons.org/policies> (collectively, the "CC Policies"). For the avoidance of doubt (and by way of highlighting some policies, without limitation):

- (i) Affiliate may not use CC's trademarks and logos for any purposes (including as a name for any entity or organization) other than as expressly permitted by this MOU, the CC Policies or upon the prior written consent of CC; and
- (ii) Affiliate shall not under any circumstances host or attempt to host any CC Legal Tools (whether in human-readable, lawyer-readable or machine-readable formats, or any other forms or formats whatsoever).

(d) Affiliate Team Affiliate agrees to provide CC with the names of all persons who are working directly with CC HQ. Those assisting Affiliate with the Project and in performance of Affiliate's obligations under this MOU (the "Affiliate Team") should be informed that they may submit their own information voluntarily to Creative Commons for CC HQ's internal records. Affiliate must promptly advise CC of any changes to the composition of the Affiliate Team, and must promptly respond to requests from CC for current Affiliate Team information. Affiliate acknowledges and agrees that CC may record the names, titles, email addresses and other contact information of the members of the Affiliate Team, and will publish information about at least one person (to be designated by Affiliate) on CC's website for public contact purposes.

(e) Expertise Affiliate's obligations under this MOU do not include legal work, and Affiliate agrees to delegate tasks arising from the Project that require legal expertise (such as responding to complex legal questions about CC Legal Tools) to CC or other properly trained lawyers. Upon the request of Creative Commons, Affiliate agrees to inform CC of the identity of the legal personnel who are performing such tasks.

(f) Cooperation and Responsiveness Affiliate agrees to cooperate and respond promptly to Creative Commons with respect to the activities and obligations described in this MOU. This includes, without limitation, periodically reviewing Affiliate's progress against the Roadmap, establishing metrics in collaboration with CC, and cooperating and participating constructively with other affiliates in the CC Affiliate Network. This also includes, without limitation, coordinating and cooperating with other CC affiliates operating in the jurisdiction, to the extent that such other affiliates have similar, overlapping, or other distinct responsibilities vis-à-vis CC, whether under a memorandum of understanding or other agreement with Creative Commons.



Open Health Systems Laboratory, San  
Jose, CA; Baltimore Maryland, USA  
[www.ohsl.us](http://www.ohsl.us)

Acharya Narendra Dev College  
(University of Delhi) Govindpuri,  
New Delhi, India  
<http://andcollege.du.ac.in>

### Memorandum of Understanding

Memorandum of Understanding between Acharya Narendra Dev College, University of Delhi (ANDC-DU), in the Republic of India and Open Health Systems Laboratory (OHSL), a social benefit corporation established under the laws of the State of California in the United States of America, covers primarily their collaboration to establish an International Bacteriophage Research Consortium (IBRC) and pursue further research.

The pioneering work of the Antimycobacterial Drug Discovery Laboratory of Dr. Urmi Bajpai of the Department of Biomedical Science provides the base for collaboration between the ANDC-DU and OHSL.

ANDC is a constituent college of University of Delhi, located in Govindpuri, New Delhi-19, India. OHSL has its offices in Silicon Valley (152 North Third Street, Suite 800, San Jose, CA 95112) and research facility in the University of Maryland BioPark, Lion Brother Building, 875 Hollins Street, Baltimore, Maryland 21201).

ANDC-DU and OHSL have already created a web portal for International Bacteriophage Research Consortium (IBRC) with the URL <http://bacteriophage.ohsl.us> and are pursuing with biomedical collaborations with several research institutes in India and abroad for their participation in a global research network. The collaborations will define the roadmap for research and scientific publications.

Further, ICTBioMed: International Consortium for Technology in Biomedicine (<https://nciphub.org/groups/ictbiomed>) led by OHSL, will provide the bioinformatics platform for bacteriophage research and analysis worldwide.

Working together ANDC-DU and OHSL will be developing funding proposals to support and equip research and research facilities at the Drug Discovery Laboratory of the Department of Biomedical Science and complementary facilities at the international research centre of Open

continued...

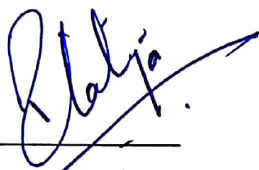
Health Systems Laboratory which will be established in Jhajjar, Haryana, in the Indian Institute of Technology Delhi Biotechnology Park alongside All India Institute of Medical Sciences National Cancer Institute. OHSL has existing research collaboration with both these institutes. The Drug Discovery Laboratory will include antimicrobial drug discovery research.

Signed this 2018 in Delhi on behalf of

**Acharya Narendra Dev College,  
University of Delhi**

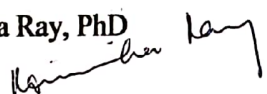
**Open Health Systems Laboratory,  
USA**

Ravi Toteja, PhD



Officiating Principal  
Acting Principal  
Acharya Narendra Dev College  
(University of Delhi)  
Govindpuri, Kalkaji  
New Delhi-110019

Koninika Ray, PhD



**Director, Biomedical Research, OHSL**

Koninika Ray, Ph D.

Director, Biomedical Research  
Open Health Systems Laboratory  
koninika.ray@ohsl.us  
+91 9958284900



## ACHARYA NARENDRA DEV COLLEGE (UNIVERSITY OF DELHI)

College wishes to enter into Memorandum of Understanding (MOU) with Azim Premji University, a private University established under The Azim Premji University Act, 2010 (Karnataka Act No.14 of 2010) with its principal place of operations at Pixel Park, B Block PES Institute of Engineering Campus, Electronics City, Hosur Road (Behind NICE Road) Bangalore – 560 100; and a division of Azim Premji Foundation for Development, a section 25 company registered under the companies act, 1956 and having its registered office at #134, Doddakanelli, Next to Wipro Corporate Office, Sarjapura Road, Bangalore – 560 035.

The primary aim of the MOU is that Azim Premji University is interested in generating science education resources in Indian languages. College is interested in expansion of sciences, mathematics and their education in general. Both entities admit students to their undergraduate science programs many of whom are making a transition from education in their own languages to English as a medium of instruction. These interests provide a common ground for collaboration.

It will include collaboration between their members including faculty and students on projects related to resource generation for science and mathematics pedagogy.

There will be no financial implication on the college out of this MOU.

Submitted to the Chairperson, Governing Body for approval.

*Approved as per rule.*

*[Signature]*

Chairperson  
Governing Body      20/08/18

*[Signature]*  
Principal  
14/3/18

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is entered into on this 26<sup>th</sup> Day of July Two Thousand and Eighteen between

Azim Premji University, a private University established under The Azim Premji University Act, 2010 (Karnataka Act No. 14 of 2010) with its principal place of operations at Pixel Park, B Block PES Institute of Engineering Campus, Electronics City, Hosur Road (Behind NICE Road) Bangalore - 560 100; and a division of Azim Premji Foundation for Development, a section 25 company registered under the companies act, 1956 and having its registered office at #134, Doddakanelli, Next to Wipro Corporate Office, Sarjapura Road, Bangalore- 560035, hereinafter referred to as "University" (which expression shall, unless repugnant to the context, include its successors in interest, administrators and assigns) of the One Part;

And Acharya Narendra Dev College (ANDC) (hereinafter referred to as "College") with its principal place of operations at Govindpuri, Kalkaji, New Delhi-110019 of the other Part.

And Whereas University and College shall be referred to individually as "Party" and jointly as "Parties".

### 1. SCOPE

- a. University is interested in generating science education resources in Indian languages. College is interested in expansion of sciences, mathematics and their education in general. Both Parties admit students to their undergraduate science programs many of whom are making a transition from education in their own languages to English as a medium of instruction. These interests provide a common ground for collaboration.
- b. Both Parties welcome collaboration between their members including faculty and students on projects related to resource generation for science and mathematics pedagogy.
- c. Parties will provide whatever facilities are possible to facilitate the collaborative projects from time to time.




- d. The individuals participating in the collaborative projects as well as work for the common goals of the organizations can receive remuneration for their work from either Party on individual basis.
- e. The modalities of these projects and their specific nature and details would be discussed and specific agreements about their functioning agreed to as and when the occasions arise.

## 2. TERM AND TERMINATION

- a. This MOU shall commence from 1<sup>st</sup> August 2018 ("Effective Date") and shall remain effective till 31<sup>st</sup> July, 2023. The MOU maybe further extended based on mutual agreement
- b. Either Party may terminate this MOU for convenience by giving (thirty) 30 days' notice to the other of its intention to do so.

## 3. CONFIDENTIALITY

- a. Either Party shall hold in confidence all confidential information obtained, received from the other and shall not disclose the same to any third Party without prior written consent of the other, during the term of this MOU and for a period of 5 years from the date of termination of this MOU. Further, unless prior written consent of the either Party is obtained, the other Party shall not use the above mentioned information for any purpose other than the purpose contemplated under this MOU.
- b. "Confidential information" means all information, marked, designated as such by either Party in writing together with all such information which relates to the business affairs, products, developments, trade secrets, know-how, personnel, customers and suppliers of either Party, or which may be reasonably regarded as the Confidential Information of the disclosing Party. This Clause shall survive the expiration or termination of this MOU.

## 4. INTELLECTUAL PROPERTY

- a. Any material developed under the MOU would be subject to the copyright rules applicable to the material and both parties are responsible to follow it in letter and spirit. The name of the author/translator and of both the institutions will be acknowledged in the materials generated. It shall be a binding on both the parties under this MOU to follow the terms agreed to in the development of the materials, and if there are more conditions imposed by the copyright law.








## MEMORANDUM OF UNDERSTANDING Between



Acharya Narendra Dev College, University of Delhi  
Govindpuri, Kalkaji - 110019



And

**PhiXgen Pvt. Ltd.**

(FLAT NO. 101, Sector 47, GH-11 ATLANTIS CGHS LTD. GURUGRAM Gurgaon HR IN 122001)

### Background

#### I. About PhiXGen Pvt. Ltd.

PhiXGen is committed to delivering quality services with unmatched quality. It was established on January 30, 2018. The major focus of the firm is to work towards innovation, development, deployment, and commercialization of products and services. The work mandate includes providing technical services to beginners who are facing difficulties in their projects. This primarily includes support for Next Generation Sequencing projects for Genomics, Transcriptomics and Proteomics studies. We purpose to serve various national and international government and private sector agencies like industries/universities/colleges/autonomous body/Department etc. The wide scope of the firm also includes the onsite/offsite/online training courses for graduates/post-graduates and corporates professionals.

#### II. About Acharya Narendra Dev College (ANDC)

Acharya Narendra Dev College was established in 1991 as a constituent college of University of Delhi and is fully funded by Government of NCT, Delhi. The college is named after the great educationist and reformist of modern India, Acharya Narendra Deva. Over the years, the college has acquired repute for the quality of education imparted to the students, the discipline and dedication of the students and the faculty, the exposure and opportunities available for overall development of both faculty and students and the sense of social responsibility within its walls. Extra curricular activities like sports, theatre, debates, music, eco-club, NSS etc engage students when they are not in class. To create an education and research-oriented hub of eminence in India with international standards. We envisage proffering quality education to our students while emboldening them with diverse exposure and hands-on research. We adhere to the ideology of 'Preparing for the future' by exploring and innovating 'Beyond the classroom'

### Mission

1. Empower students by giving them exposure to cutting-edge areas of education and research by promoting inter-disciplinary studies and learning beyond the shackles of textbook knowledge.
2. To impart functional knowledge which not only motivates students towards academic excellence but also preparing them for giving back to society in economic, social, cultural and intellectual dimensions.
3. To generate ideas that will benefit society, and to educate and train people to work in fields where they will be valued both for their ability to work in collaborative spaces using their specialized knowledge, and for their ability to pursue research, communicate and solve real-life problems.
4. To remain competitive and relevant in international sense by offering high quality academic programmes and research activities focusing on niche areas.
5. Encourage skilled manpower training by producing more high quality researchers, entrepreneurs and graduates to ensure that country reaps the returns from its investments in higher education and in turn help economic growth of the country.

### III. Joint Activities

PhiXgen Pvt. Ltd. and ANDC will work together to explore activities of mutual interest that endeavour to advance research and improving bioinformatic skills and its responsible application worldwide. Specific activities will be outlined in a separate PhiXGen-ANDC Work plan for individual events.

### IV. Funding

PhiXGen Pvt. Ltd. and ANDC acknowledge that this MOU is a reflection of the goodwill and mutual interest that exist between the two partners. It represents the desire to develop and expand collaborative activities. **No financial commitment is implied by this MOU.** Each individual activity initiated as outcome of this MOU will specify the roles and responsibilities of each society, the duration of the activity, and the source of funding.

### V. Effective Date and Duration

This agreement will take effect upon its signing by the representatives/authorised signatory of **PhiXGen Pvt. Ltd. and ANDC** and shall remain in effect for a period of one year.

IN WITNESS WHEREOF PARTIES UNDERSIGNED HAVE ENTERED INTO THIS AGREEMENT WITH EFFECT FROM 01/10/2019.

For PhiXGen Pvt. Ltd.

*Rup Lal*  
Prof. Rup Lal 01/10/2019  
Managing Director

*Vipin Gupta*  
11/10/19  
Dr. Vipin Gupta  
Director

*Utkarsh Sood*  
01/10/19  
Dr. Utkarsh Sood  
Director

For Acharya Narendra Dev College

*Ravi Toteja*  
01/10/19  
Dr. Ravi Toteja  
Acting Principal

*Yasheshwar*  
01/10/2019  
Dr. Yasheshwar  
Coordinator, IQAC

*Seema Makhija*  
11/10/19  
Dr. Seema Makhija  
Coordinator





2019-10-03

To  
The Principal  
ACHARYA NARENDRA DEV COLLEGE, UNIVERSITY OF DELHI  
GOVINDPURI, KALKAJI, NEW DELHI-110019

Dear Sir/Madam,

Sub: Establishing SWAYAM NPTEL Local Chapter in your college

Greetings from the NPTEL office.

This is to acknowledge the receipt of your letter accepting to host SWAYAM NPTEL Local Chapter in your institution.

The **Single Point of Contact (SPOC)** nominated from your college is

**Name of SPOC: DR. GAGAN DHAWAN**  
**Designation: ASSOCIATE PROFESSOR**  
**Department: BIOMEDICAL SCIENCE**  
**Contact No(s): 9891086006**  
**E-mail id: gagandhawan@andc.du.ac.in**

We wish to inform you that all future correspondence related to NPTEL contents and online courses will be made to the afore-mentioned SPOC. He/she will be routinely updated with all the latest NPTEL initiatives which then may be circulated among the students.

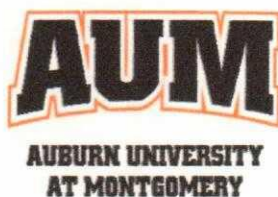
We are also happy to share that a dedicated SWAYAM NPTEL Local Chapter web page is being created and your institution will have a separate page on it (<http://archive.nptel.ac.in/LocalChapter>)

Thanking you.

Sincerely

A handwritten signature in black ink, appearing to be 'TH' followed by a long horizontal stroke.

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT MADRAS



## MEMORANDUM OF UNDERSTANDING ON ACADEMIC CO-OPERATION

Between

**Auburn University at Montgomery**

And

**Acharya Narendra Dev College, University of Delhi,  
New Delhi, India**

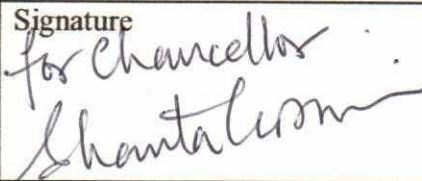



Auburn University of Montgomery, Alabama, USA and Acharya Narendra Dev College (ANDC), University of Delhi, Govindpuri, Kalkaji, New Delhi, 110019, India recognising the benefits to their respective institutions desire to form a Memorandum of Understanding (MoU) to promote friendship and to co-operate in a mutually beneficial association, have agreed that:

- 1 The two institutions shall develop academic and educational partnership to enhance student & faculty learning opportunities between them.
- 2 This MoU signifies a statement of Intent to collaborate but is not a legally binding document.
- 3 The two institutions agree to develop the following collaborative activities in the academic areas of mutual interest, on a basis of equality and reciprocity.
- 4 Cooperative exchange programs between the two universities shall cover the following:
  - Promoting student exchange at all levels of study
  - Academic articulation agreements for different programs
  - Encourage international credit transfer and progression arrangements
  - Exchange of research and academic materials that are of mutual interest
  - Collaborative and foster research activities and projects
  - Exchange of teaching expertise
  - Develop e-learning training and application of distance-learning technologies
  - Short duration student exchange and study abroad programs
  - Develop collaborative lectures series, conference and workshops and joint events on mutually agreed topics
  - Cultural immersion programs
  - Any other co-operation in areas of mutual interest.
- 5 The development and implementation of specific activities based on this MoU will be separately negotiated and agreed between the two institutions, which carry out the specific projects. Both institutions agree to carry out these activities in accordance with the laws and regulations of the respective countries after full consultation and approval.
- 6 ANDC & AUM recognize the value of this Memorandum of Understanding to each other in promoting their programmes and activities, but any promotional material / activity which includes reference to concerned countries must be sent to and be approved by the person authorized by both the Institutions before use and print.

- 7 It is understood that the implementation of any of the types of co-operation stated shall depend upon the availability of resources and financial support at the institutions concerned.
- 8 Should the collaborative research activities under the MoU result in any potential for intellectual property, both institutions shall seek an equitable and fair understanding as to ownership and other property interests that may arise.
- 9 This MoU may be amended or modified by a written agreement signed by the representatives of both institutions.
- 10 The MoU will be for 3 years in the first instance and will be reviewed thereafter. Each party has the right to discontinue the arrangement subject to a period of 12 months' notice being given. The Understanding may also be terminated at any time by mutual consent of all the parties.
- 11 In any case of discontinuance, the parties will honor agreed commitments either via the accepted arrangement or suitable alternative negotiated at that point.
- 12 The Memorandum of Understanding is to take effect from the date that both institutions sign the agreement.

**Signatures to the Understanding**

For: Auburn University at Montgomery, Alabama, USA	For: Acharya Narendra Dev College, University of Delhi, Delhi, India
Signature 	Signature 
Name: Dr. Carl A. Stockton	Name: Prof. (Dr.) Ravi Toteja
Designation: Chancellor	Designation: Officiating Principal
Date: 6 December, 2021	Date: 6 December, 2021

कार्यवाहक प्राचार्य / Officiating Principal  
आचार्य नरेन्द्र देव कॉलेज / Acharya Narendra Dev College  
(दिल्ली विश्वविद्यालय) / (University of Delhi)  
गोविंदपुरी, कालकाजी, नई दिल्ली-110019  
Govindpuri, Kalkaji, New Delhi-110019

### Memorandum of Understanding

This MEMORANDUM OF UNDERSTANDING, herein after referred to as "MOU" is a mutual understanding made at Delhi on the 3.02.2022 by and between Monster.com India Private Limited, a company incorporated under the Indian Companies Act, 1956, having its registered office at 7-1-79,79/5,6,7 & 7-1-80, 1st Floor, Capital Building, Ameerpet, Hyderabad-500016, Telangana, India (hereinafter referred to as 'Monster', which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) of the FIRST PART,

AND

Acharya Narendra Dev College organized under the Indian Laws having its principal place of business Govindpuri, Kalkaji, Delhi represented by Prof. Ravi Toteja its authorized signatory (hereinafter referred to as 'Institute', which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and permitted assigns) of the SECOND PART. (Monster and Institute are hereinafter collectively referred to as "the Parties" and severally as "Party")

WHEREAS Monster is inter alia in the business of e-recruitment solutions and is responsible for the functioning of its websites www.monsterindia.com and Monster First Job webpage and Institute is in the business of 'Education Provider' and is desirous of taking service from Monster as described hereunder to facilitate Monster's online recruitment solution for opportunity to registered users ("users") at Monster First Job Program, on the terms agreed and contained herein;

NOW, it is agreed between the parties hereto as follows:

#### 1. Responsibilities of Monster

Monster shall provide to Institute post 60% registration of total student strength:

- (a) Recruiter attention on the Monster website to students registering on Monster India portal.
- (b) Invitation to 'Open to all' Virtual Career Fairs (VCF), Webinars, and any other events organized by Monster India
- (c) Internship/ Live Projects/ Final placement opportunities from and at Monster India portal
- (d) Fresher job alert mailers to registered students throughout the process
- (e) Launch, manage and promote the College Ambassador programme
- (f) Webinar of 1.5 hours on one topic related to 'Becoming Corporate Job ready' by Industry Experts
- (g) Discounted paid career services, assessment tests and external training, if any, as per college requirement will be charged on mutually agreed rates as per the deal under Monster First Job Program
- (h) Institute shall provide the details of its authorised representative ("SPOC"/ "TPO") to Monster for the Service operation. Monster will provide the details to SPOC after execution of this Agreement. SPOC shall be responsible for providing the Institute's Candidates / Students information to Monster.
- (i) The Service provided for the period mentioned above is currently without any financial consideration to the Institute except for a paid career services and other paid services as per sub para g) above.

Any additional services involving financial consideration during the above period shall be undertaken with mutual consent of both parties. The Institute has the sole responsibility to obtain all the consent and acceptance from its students for engaging any of the programs/projects within the ambit of this MOU.

**a. Monster's Obligation:**

- (a) To assist Institute for online recruitment solution of registered users along with any required training session as per Service subscribed. Enhance visibility of the Institute as a brand on Monster platform and marketing communication including online display of Institute's profile to attract companies, as may be feasible; and providing access to its website as stated above and other Monster websites as per between the Parties.
- b) Monster will provide a unique link to Institute for registration of its students on Monster portal. The tracking will happen through this link. Registered students need to complete their profile by regularly updating all relevant details (i.e. Upload Resume, Educational Qualifications, Skills etc.) required during the registration process to enhance visibility on the Monster portal and among recruiters.
- c) Monster will provide communication to Institute for circulation among registered users to create awareness and prevent fraudulent calls/ emails from any third party. Monster does not charge candidates in cash or kind for job placements, attending Virtual Career Fair, Webinars or arranging job interviews. Monster will not be responsible for any monetary transactions done by the students to recruiters to get placement. The Institute is responsible to communicate the provisions of this sub clause to its students to avoid any online fraud to its students.
- d) Provide informative articles and content delivered through platform and to improve chances of user's employability.
- e) Monster does not guarantee or offer any warranty for any response from any employer or recruitment consultants to Institute after the Services commenced by Monster under this Agreement. Monster neither guarantees nor offers any warranty about the credentials of the prospective employer/organisation, which would receive the information and subsequently contact the Institute and/or candidates. Monster reserves its right to reject any inscription or information/data provided by the Institute in the Monster First Job webpage without assigning any reason. Breach any provision of this Agreement by the Institute may lead to discontinuance of subscribed service by Monster and /or pursue all other available remedies under applicable laws.

**2. Institute's Obligation:**

- a. Institute shall provide Monster the name of its authorized representative (SPOC) who shall serve as single point of contact with Monster and ensure submission of Candidates / users' data within the agreed timelines.
- b. Verification of the users' data by SPOC of Institute. Users' data shall include name, education qualification, branch, year and contact details. Inability of Institute to register and verify the users' data shall not entitle the users in availing the services under this Agreement. Institute shall be solely responsible for the submission of any wrong, incomplete or incorrect users' data or profile in the Monster India portal/Monster First Job webpage and the authorized representative of Institute shall be responsible for incorporating the users' data on the Monster website and make changes from time to time in the event of any change in the users data and profile
- c. The Institute shall be responsible for appropriate use of the Services subscribed under this Agreement



# monster

- d. Institute shall be solely responsible for the Monster First Job Program Services appropriated by it under this Agreement to users and / or candidates. Institute further undertakes that the Services subscribed by it under this Agreement is solely for the purpose of its proper appropriation to the users and/or candidates and not for its commercial use / purpose.
- e. By posting user data ("User Content") to any Monster Site, User / Candidate and Institute automatically grant, and represent and warrant that they have the right to grant, to Monster an irrevocable, perpetual, non-exclusive, fully paid, worldwide license to use, copy, perform, display, and distribute such User Content and to prepare derivative works of, or incorporate into other works, such User Content, and to grant and authorize sublicenses thereof.
- f. No unauthorised / fraudulent use of user content: Institute shall ensure the usage of content for lawful purposes and only for the purposes as permitted under the scope of this Agreement. Promotion of any illegal activity or marketing of products and other service purposes or spamming of the content by it except for the facilitation of services under this Agreement are also prohibited. Monster shall have the sole right to decide as to what constitute as a breach of these requirements by Institute.
- g. Institute undertakes and warrants that the Mobile No./Email id of the candidates provided/uploaded either by Candidate/Institute/Monster to Monster's website for communicating them for the career/tests related information/communication is verified by Institute candidate before submission and is correct and Institute further warrants that the candidates have consented to use their Mobile No/ Email id provided/uploaded by it to Monster's website for communicating them through SMS by Monster and/or its service providers for the provision of the Services agreed between the Parties. In the event of any complaint at the end of candidates with respect to DND and other issues, Institute shall provide all the relevant details desired by Monster for resolving any such issues.

### 3. TERMS OF AGREEMENT:

This Agreement is between your Institution or company or organization ("You") and Monster.com India Pvt. Ltd. ("Monster") and governs use of the Monster website or websites in which services are subscribed under this Agreement (each a "Site" and, together, the "Sites"). This agreement shall continue and be effective till the validity period of the product and services subscribed by you. If you breach any provision of this Agreement, Monster may (i) discontinue Your service and/or (ii) pursue all other available remedies to protect it. Any extension of services covered under the scope of the Agreement shall be at the discretion of Monster.

You agree to comply with all the applicable laws, including but not limited to the laws relating to contracts, labour and employment laws, data privacy laws, cyber laws and laws relating to intellectual property.

Navigation/Search Engines: Notwithstanding anything to the contrary contained herein, You shall not use or attempt to use, and shall cause each party under your control not to use or attempt to use, any engine, software, tool, agent or other device or mechanism (including without limitation browsers, spiders, avatars or intelligent agents) to navigate or search any Site other than the search engine and search agents available on such Site. The contents of the website (including without limitation all job postings and all resumes), and all elements, which are a part of the foregoing, and all intellectual and other proprietary rights therein, are the property of Monster.

# monster®

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This Agreement (i) constitutes the entire Agreement between the parties with respect to the subject matter hereof and supersedes any previous oral or written arrangements or understandings relating thereto as well as any purchase orders not supplied by Monster that have been or may from time to time be submitted by you, (ii) may be signed in counterparts, (iii) shall be governed by the laws of India (iv) may not be amended, terminated or waived orally, and (v) may not be assigned, in whole or in part, directly or indirectly, by operation law or otherwise, by you and only comes into existence when signed by You and Monster. Monster will be entitled to assign all or any of its rights and obligations hereunder. Any terms of this Agreement that may be invalid shall not affect the validity of enforcement of the remaining valid terms of this Agreement. The terms and conditions of this Agreement may not be amended without the affirmative written consent of Monster.com India Pvt. Ltd. This MOU will automatically renew on annual basis unless either party gives a 30 days prior notice for its termination before the annual renewal. Monster reserves the right to terminate this MOU immediately in the event any material breach of the terms of this MOU by the Institute including but not limited to breach / infringement of Monster intellectual property rights or any third party rights or breach of any provisions of the MOU. Every Dispute, difference or question which may at any time arise between the parties hereto or any person claiming under them, touching or arising out of or in respect of this agreement or the subject matter thereof shall be referred to the Sole Arbitrator nominated by the First Part, the award passed by the Arbitrator shall be final and binding on the parties hereto. The venue of Arbitration shall be Hyderabad. All and any disputes shall be subject to the exclusive jurisdiction of the Courts at Hyderabad, India.

#### 4. TERM AND TERMINATION

This MOU shall be effective from the date hereof and shall continue to be in full force and effect unless terminated earlier by either party with a One Month notice. Thereafter, this MOU may be renewed for further periods by mutual agreement between both the parties.

B

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IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorised representatives in one or more counterparts, each of which shall constitute an original effective as of the day and year set forth above.

The persons signing this Agreement on behalf of the parties hereto certify that they are duly authorized by their respective entities to sign and execute this Agreement for and on behalf of their entities/organizations by said signatures that they are duly authorized to sign this Agreement on behalf of said parties and that this Agreement has been authorized by said parties.

### SIGNED ON BEHALF OF MONSTER:

Name : Sangeetha Shyam Sundar  
 Designation: Manager - Special Initiatives  
 Email: sangeetha.sundar@monsterindia.com  
 Phone: +91 9820124916

*Sangeetha*



### SIGNED BY AUTHORISED REPRESENTATIVE OF MEMBER:

Name : Prof. Ravi Toteja  
 Designation: Principal  
 Email: principal@andc.ou.ac.in  
 Phone: 011-26294542

*Ravi Toteja*

### Witness:

1. *G. Shanmukh Sai*  
 (Garapati Shanmukh Sai, Asst. Manager - Marketing, Monster  
 Address: Flat No 304, Lakshmi Apts, Street No 3, Samath Nagar, Hyderabad - 500018)

2. *Sanjay Vohra*  
 Sanjay Vohra, Placement Officer  
 51-D, Pocket-B, Vikaspuri Extension, New Delhi-110018.

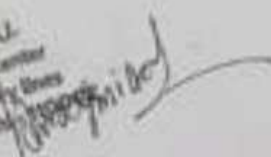
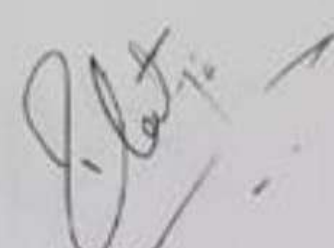
## 1. AGREEMENT

The present agreement supersedes all prior understandings, communications and representations concerning the subject matter between the Parties.

## 2. LEGAL STATUS OF THE PARTIES

- 2.1. The School of Open Learning a part of the Campus of Open Learning] formerly known as The School of Correspondence Courses and Continuing Education, established under the University of Delhi in 1962, is a pioneer Institution in the field of Distance Education in India. In December 2018 to facilitate Skill Development and Entrepreneurship amongst Youth, SOL has set up Department of Entrepreneurship Cell at SOL, North Campus, University of Delhi.
- 2.2. Acharya Narendra Dev College was established in 1991 as a constituent college of the University of Delhi. College believes in unfolding the enormous potentialities of the students, empowering them to meet the future challenges and promoting education beyond the classroom wherein innovative teaching methods become harbingers of quality education. Within this short span of journey, the college has received one of the best infrastructures, a NAAC score of 3.31 and 18th NIRF-2020 ranking. The college works on the ideology that education is the most powerful weapon which you can use to change the world.
- 2.3. ANDC which offers skill-oriented Certificate Courses to their students to achieve vocational qualifications besides their Undergraduate degree courses. In this regard "ANDC" desires to offer the Certificate Programme in Entrepreneurship and Start-Up for duration of 6 months under UGC scheme of 'National Skills Qualifications Framework' (NSQF) to their students for 30 credits after 10+2.
- 2.4. Nothing contained in or relating to this Agreement will be construed to create a legal relationship between the Parties, and the officials, representatives, employees, or sub-contractors of either Party will not be considered in any respect as being the employees or agents of the other Party.

Anurag Mittal  
 Incharge - E Cell SOL DU  
 Entrepreneurship Facilitation Center  
 Room no.118, 3rd Floor, 5 Cavalry Lines  
 North Campus, University of Delhi

3. WHEREAS, the First Party will provide ANDC and incubatee companies under incubation at ANDC with

3.1. Assistance in facilitating and availing of Entrepreneurship schemes by Central and various State governments, International Development Institutions by existing and potential entrepreneurs, including students, alumni, faculty, staff and general public.

3.2. Any other schemes or programmes mutually agreed from time to time.

3.3 Engaging expert/trainer from the industry partners as per UGC guidelines of contractual appointments.

3.4 The workshops and field visits may be organized in collaboration with the industry partner.

4. Entrepreneurship Cell, School Of Open Learning, University Of Delhi will nominate its Nodal Officer for implementation of providing Entrepreneurship

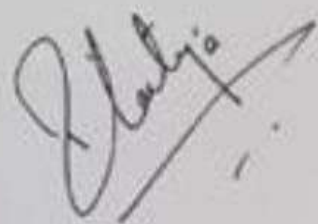
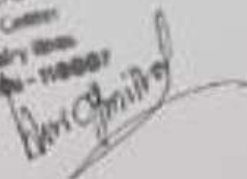
5. The Second Party shall provide Entrepreneurship Cell, School Of Open Learning , University of Delhi with:

5.1. ANDC will provide Honorarium per UGC guidelines and Training Infrastructure and other assistance to Entrepreneurship Cell, School Of Open Learning, University Of Delhi for implementation of the Scope of work as mutually agreed in alignment with Para Nos.2&3 above as per UGC norms.

5.2. Necessary infrastructure / facilities at its premises to enable Entrepreneurship Cell, School Of Open Learning , University Of Delhi to provide knowledge and support to start-ups/ existing and new entrepreneurs and incubatee projects under ANDC

6. The terms of provisions of this MOU may be modified, amended, supplemented, waived, or discharged only in writing signed by the parties hereto.

Anurag Mittal  
Incharge - F Cell SOI DU  
Entrepreneurship Facilitation Center  
Room no. 118, 1st Floor, 5 Convent Road  
North Campus, University of Delhi - 110007



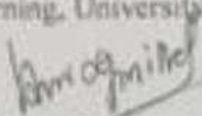
7. The MoU will be valid for a period of one year from the effective date. It can be terminated by one month's notice in writing from either of the parties.

8. All the remittances / payments for out of pocket expenses, honorarium will be made by ANDC after receiving relevant invoices from Entrepreneurship Cell, School Of Open Learning, University Of Delhi on the services rendered by E Cell SOL DU, and such payments will be made within 15 days of receiving the invoices.

9. In case of any dispute, this MoU shall be under jurisdiction of Delhi Mediation and Conciliation Rules 2004.

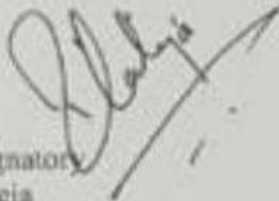
Signed at Delhi by:

For Entrepreneurship Cell School of Open Learning, University Of Delhi



Anurag Mittal  
Incharge - E Cell SOL  
Entrepreneurship Cell, School Of Open  
Learning, University of Delhi  
Room no. 118, 1st Floor, 1-Courtyard 110027  
North Campus, University of Delhi

Mr. Anurag Mittal  
Incharge Entrepreneurship Cell  
School of Open Learning, University of Delhi, MHRD Govt of India  
For Sri Aurobindo College (SAC)



Authorised Signatory  
Prof. Ravi Toteja  
Principal  
Acharya Narendra Dev College



सत्यमेव जयते

## INDIA NON JUDICIAL

### Government of National Capital Territory of Delhi

#### e-Stamp

Certificate No.	: IN-DL19098820737397T
Certificate Issued Date	: 04-Sep-2021 11:05 AM
Account Reference	: IMPACC (IV)/ dl847003/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL84700333930168571561T
Purchased by	: ACHARYA NARENDRA DEV COLLEGE
Description of Document	: Article 5 General Agreement
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: NATIONAL INSTITUTE OF IMMUNOLOGY
Second Party	: ACHARYA NARENDRA DEV COLLEGE
Stamp Duty Paid By	: ACHARYA NARENDRA DEV COLLEGE
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



-----Please write or type below this line-----



*(Handwritten signatures in blue ink)*

#### 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.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority

**MEMORANDUM OF UNDERSTANDING FOR IMPLEMENTING THE  
SCIENCE SETU PROGRAMME IN COLLEGES**

This Memorandum of Understanding (MoU) between The NATIONAL INSTITUTE OF IMMUNOLOGY (NII), and Acharya Narendra Dev College , University of Delhi hereinafter called parties of the first part and second part respectively.

2. WHEREAS NII located at Aruna Asaf Ali Marg, New Delhi 110067 is an autonomous institute of the Department of Biotechnology (DBT), Government of India, registered under the Society Registration Act, 1860;
3. WHEREAS, Acharya Narendra Dev College , University of Delhi is located in Govindpuri Kalka ji, New Delhi-19. It is a constituent public college of the University of Delhi that offers undergraduate courses in various disciplines of sciences and applied sciences.
4. WHEREAS, The *Science Setu* Programme approved by the Governing Body of the NII aims to contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option,
5. WHEREAS, both parties of the first- and second part wish to come together in synergistic partnership to implement the above-said *Science Setu* Programme, this Memorandum of Understanding is being executed to clarify the intent and purpose and mode of implementation of the programme.

6. Now, the parties of this MoU mutually declare and agree to the following:

6.1 Name

The name of the programme will be *NII- Acharya Narendra Dev College Science Setu Programme*

6.2 Goal

To contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option

6.3 Objectives

- a) To address the changing needs of teaching, learning and research in biological sciences
- b) To link the National Institute of Immunology (NII) in the spirit of "success through access" to undergraduate teaching in biological sciences
- c) To engage a talent pool of potential biology students in the delivery of innovation, research and continuous development
- d) To act, through all the above, as a catalyst of change

6.4 Mode of Implementation

- a) NII and Acharya Narendra Dev College commit themselves to interact through mutual consultation and formal partnership towards meeting the goal and objectives of the programme.
- b) Engagement with the Acharya Narendra Dev College by NII would be on-site, and/or through *e-learning* approaches depending on feasibility.
- c) This commitment shall be treated as a national service intrinsic to the mandate of NII, and Acharya Narendra Dev College and shall neither involve remuneration/honoraria in any form, nor be treated as a cause for modification of any current institutional goals.
- d) Enough flexibility would be built in to ensure that the programme adds value to undergraduate education.
- e) The level of engagement and the best time to commence the same will be decided through mutual consultation.





- f) Programme of engagement could include one or more of the following depending on specific need and feasibility:
- (i) Lectures/discussion
  - (ii) Laboratory exercises
  - (iii) Mentorship to student science projects
  - (iv) Mentorship to teacher science projects
  - (v) 'College Teacher Forums' to discuss broad issues on latest developments in science, career opportunities, innovative methodologies in teaching/research, science & technology policy issues, and other related areas.
  - (vi) Summer student/teacher internships
  - (vii) Any other as mutually agreed

#### 6.5 Role and Responsibilities of NII

- a) NII commits to designate a mutually agreed number of its scientists/faculty members toward this programme for at least 12 hours of engagements per year.
- b) This may be distributed flexibly by the designated scientist within one or more academic institutions
- c) NII will take care of the logistics of conveyance of the scientist(s) to and from the College, whenever the interaction is on site or outside NII.
- d) Depending on feasibility, NII would make appropriate arrangements in consultation with Acharya Narendra Dev College for e-learning at its end.
- e) Depending on feasibility, NII will also facilitate interaction on its premises.

#### 6.6 Role and Responsibilities of the college

- a) The Acharya Narendra Dev College commits to receive and appropriately facilitate the interaction between the designated NII scientist (s), and its teachers/students so as to fulfil the goal and objectives of the programme.
- b) It will designate a nodal person to interact with the NII scientist (s).
- c) It will take care of the logistics of conveyance of its teachers/students whenever the interaction is outside its premises
- d) Depending on feasibility, Acharya Narendra Dev College would make appropriate arrangements in consultation with NII for e-learning at its end.

#### 6.7 Budget for the Programme

The programme will be accommodated within the annual budget of each party.

#### 6.8 Programme Review

The Governing Body of NII shall review the programme for implementation at the end of one year for implementation and three years for performance.

#### 6.9 Termination

Either party to this MoU has the right to terminate the MoU upon serving a written notice of 30 days to the other party should the other party commit a breach of any of the provisions of this MoU.

#### 6.10 Interpretation and Dispute Resolution



A handwritten signature in blue ink, appearing to be 'Ajay Seth', written over a horizontal line.

- a) If any dispute arises between the parties hereto arising out of or in connection with the interpretation or implementation or alleged breach of any provision of this MoU, the parties hereto shall endeavour to settle such breach amicably.
- b) In case the dispute cannot be resolved after reasonable attempts within 5 days, one of the parties shall give a written notice to the other to this effect. In such a case the matter shall be referred to the Director NII as a sole arbiter, whose decision will be binding on both the parties.

7. This MoU is valid for three years from the date of signing. It can be extended further through mutual agreement.

IN WITNESS WHERE OF THE PARTIES HERE TO HAVE EXECUTED THIS MoU ON .....(DAY), .....(DATE), .....(MONTH) 2019.

<p>Signed-----                  For and on behalf of the National Institute of Immunology</p> <p>Seal</p>	<p>Signed-----                  For and on behalf of Acharya Narendra Dev College</p> <p>Seal</p>
<p>Witnesses</p> <p>1. <i>Anil Kumar</i></p>	<p>Witnesses</p> <p>1. <i>Dr. Anshu (AKDC)</i></p>
<p>2. <i>Jyoti Singh</i></p>	<p>2. <i>Prof. Suresh Kumar (Kc)</i></p>



**ATTESTED**  
*AS*  
**NOTARY DELHI**

**04 SEP 2021**



# Virtual Labs

An initiative of Ministry of Education  
under the National Mission on Education through ICT



An MoE Govt of India Initiative

Wireless Research Lab, Bharti School of Telecom  
Indian Institute of Technology Delhi, Hauz Khas, New Delhi-11 0016. Tel: 011-26582050

[www.vlab.co.in](http://www.vlab.co.in)

Ref. No.: **VLABS/IITD/NCS**

Date: **13-09-2021**

To,  
The Principal,  
Acharya Narendra Dev College,  
Kalkaji, New Delhi

### Sub: Virtual Labs Nodal Center

With reference to your Expression of Interest for Virtual Labs, it gives me immense pleasure to designate your Institute as a Nodal Center for Virtual Labs. As nominated by you, **Dr. Sumit Sahni** has been accepted to act as the Nodal Coordinator from your Institute. This approval is valid up to 31<sup>st</sup> December 2021. Subject to the following Terms and Conditions and any subsequent directives as issued by MoE from time to time:

1. Approved status of AICTE/STEB/UGC is mandatory for your college.
2. The necessary infrastructure (dedicated space having personal computers with 1Mbps broadband internet connectivity) to be maintained at your own cost for Virtual Labs.
3. Nodal centers will get operational technical support.
4. Students are not to be charged any extra fee for providing Virtual Labs facility for their usage.
5. Nodal Coordinator should attend the meeting held at IIT Delhi as per schedule and a semester wise report of V Labs usage and feedbacks by the faculty members and students should be submitted.
6. Strict adherence to the standard lab procedures and cyber security laws needs to be followed.
7. Any violation or the above will result in automatic cancellation of Nodal Center status for your college without giving any notice.

**Kindly acknowledge the receipt of this letter and the acceptance of the Terms & Conditions mentioned above.**

We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community.

Wish you all the best!

Thank You,

Sincerely,

**Prof. Suresh Bhalla**

Project Virtual Labs


IIT Delhi

[sbhalla@civil.iitd.ac.in](mailto:sbhalla@civil.iitd.ac.in)

## Acharya Narendra Dev College, Govindpuri, Kalkaji

### Web Developer Course Attendance

S.No	Attendance Id	Name	Users Designation	Total Days 16/3 to 10/5	Attendance 16/3 to 10/5	Total Days 13/5 to 9/6	Attendance 13/5 to 9/6	Total Days 13/6 to 6/9	Attendance 13/6 to 6/9	Total (Days)	Total (Attendance)
1	61313383	Abhishek Gusain	Trainee	37	32	25	24	39	21	101	77
2	6274755	Ajay Yadav	Trainee	37	37	25	23	39	36	101	96
3	90930638	Anisha Sharma	Trainee	37	29	25	24	39	26	101	79
4	79516083	Ankit Kumar	Trainee	37	37	25	24	39	35	101	96
5	43723001	Arpit Talan	Trainee	37	28	25	7	39	0	101	35
6	35055970	Ayushi Aggarwal	Trainee	37	22	25	7	39	0	101	29
7	66059832	Deepak Bharti	Trainee	37	24	25	25	39	31	101	80
8	8530583	Durgesh	Trainee	37	35	25	24	39	31	101	90
9	61883954	Hanshika Shukla	Trainee	37	26	25	21	39	4	101	51
10	64425204	Himani Rawat	Trainee	37	31	25	25	39	24	101	80
11	33060004	Jatin Kumar	Trainee	37	25	25	23	39	30	101	78
12	41679806	Kirti Rawat	Trainee	37	20	25	24	39	11	101	55
13	85378039	Manu	Trainee	37	30	25	24	39	32	101	86
14	17376403	Naman Kumar	Trainee	37	25	25	24	39	30	101	79
15	70209620	Nitin Singh Gusain	Trainee	37	28	25	23	39	33	101	84
16	32986281	Rashmi	Trainee	37	30	25	25	39	35	101	90
17	21013596	Shakti Dwivedi	Trainee	37	28	25	23	39	30	101	81
18	13153663	Shubham Pratap Singh	Trainee	37	28	25	21	39	31	101	80
19	83402199	Vikas Kumar	Trainee	37	31	25	25	39	37	101	93

  
 कार्यालय प्रमुख / Officiating Principal  
 आचार्य नरेन्द्र देव कॉलेज / Acharya Narendra Dev College  
 (दिल्ली विश्वविद्यालय) / (University of Delhi)  
 गोविंदपुरी, कालकाजी, नई दिल्ली-110019  
 Govindpuri, Kalkaji, New Delhi-110019



Dr. Pooja Bhagat &lt;poojabhagat@andc.du.ac.in&gt;

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**Fwd: Skill Hub Initiative Under PMKVY - Login Credentials**

---

**Dr. Sarita Kumar** <saritakumar@andc.du.ac.in>

Fri, Feb 25, 2022 at 2:57 PM

To: "Dr. Pooja Bhagat" &lt;poojabhagat@andc.du.ac.in&gt;, "Ashutosh ." &lt;ashutosh@andc.du.ac.in&gt;

----- Forwarded message -----

From: &lt;sdmssupport@nsdcindia.org&gt;

Date: Tue, Feb 1, 2022 at 12:51 AM

Subject: Skill Hub Initiative Under PMKVY - Login Credentials

To: &lt;saritakumar@andc.du.ac.in&gt;

Dear Training Provider (TP),

This is with regards to Skill Hub Initiative(SHI) under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 3.0 for which your Registration on Skill India Portal (SIP) has been completed successfully.

Your login credentials for TP and Training Centre (TC) are appended below. You are requested to log on to <https://skillindia.gov.in> and fill in your Bank details in the requisite section.

TP ID: TP104735

Password: ekaushal

In case of any query, you may write to us on [skillhub@nsdcindia.org](mailto:skillhub@nsdcindia.org) or call on our helpline numbers: 011-47451671, 72,73 and 75.

Thank You,

Operations team, NSDC

--

सरिता कुमार  
Sarita Kumar  
Professor  
Department of Zoology  
Acharva Narendra Dev College

(University of Delhi)  
+91-98-103-09912





A metaStudio.org Initiative 

## COLLABORATIVELY UNDERSTANDING BIOLOGY EDUCATION (CUBE)

### CUBE Regional Resource Centre Award

CUBE Regional Resource Centre Award 2020 is conferred on the following  
CUBE Hubs for catering to Nodal Centres:

**Sree Narayana College, Nattika, Thrissur, Kerala**  
**Acharya Narendra Dev College, Govindpuri, New Delhi**

A handwritten signature in black ink, appearing to read 'M. C. Arunan', written over a horizontal line.

Prof. M. C. Arunan  
Coordinator, CUBE

A handwritten signature in black ink, appearing to read 'G. Nagarjuna', written over a horizontal line.

Prof. Nagarjuna G.  
Coordinator, metaStudio

Homi Bhabha Centre for Science Education  
Tata Institute of Fundamental Research

Technology; February 27-28, 2014.

2. National workshop on Basic Optics, Fiber Optics and Optical Communication; Maharaja Agrasen College, University of Delhi; March 8-10, 2014.
3. SPIE student members, Adarsh, Prsahant and Chiradeep participated in the 5th Annual Convention organized by Regional Council (Delhi & Haryana) of Indian Association of Physics Teachers (IAPT) on August 19, 2017 at the DAV School, Shreshth Vihar, New Delhi.
4. Two teams of 4 students each (Rohit Saini, Pranjal Singh, Ritesh Raj, Vikram Bhardwaj, Lokendra Singh, Rajat Mann, Gaurav Lokhna and Ashutosh Singh) attended two-day workshop on Internet of Things (IOT) organized by iBindiya in co-operation with IIT Bombay at Deen Dayal Upadhyay College, University of Delhi on October 12-13, 2018.

### 3.4. Science Setu Programme@ ANDC

**Coordinator: Dr Urmi Bajpai**

The Science Setu programme is an initiative undertaken by the Translational Health Science Technology Institute (THSTI) as a follow-up of the speech of the Hon'ble Prime Minister of the country, wherein he had called upon Indian scientists to actively involve themselves in sharing their research interests with the school and undergraduate students.

The Setu provides opportunities to students to work on short-term projects at THSTI under the guidance of a scientist. For this to happen, THSTI scientists presented students with a set of scientific problems and the challenge was for students to write research proposals/solutions.

A team of four students, Jayati, Shreya, Priya Don and Sonia, won the first prize in the Science quiz organized by THSTI on their open day (September 22, 2017). One student got the prize for answering a question from the audience. Another team of two students, Vikas Shukla and Aishwarya Patnaik from Department of Botany participated in extempore competition. Two faculty members Dr Urmi Bajpai and Dr Abhishek Mehta were the coordinators from the College.



### 3.4. Science Setu Programme@ ANDC

**Coordinator: Dr Urmi Bajpai**

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### 3.1 Creative Commons (CC)

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#### **Affiliate: Dr. Savithri Singh**

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As an affiliate of Creative Commons, Dr Savithri Singh delivered a lecture in **OpenCon 2018**. OpenCon is a platform to learn about Open Access, Open Education, and Open Data, develop critical skills, and catalyze action toward a more open system for sharing the world's information—from scholarly and scientific research, to educational materials, to digital research data. OpenCon 2018 New Delhi was an official satellite event. The primary objective behind this initiative was to make the participants knowledgeable about various open society initiatives. The conference was conducted on February 03, 2018 at Acharya Narendra Dev College, University of Delhi. It included two parallel tracks; track 1 had talks by various open society advocates, discussions on promotion of Open Access culture in India, whereas track 2 participants were trained on Wiki data including organizers and speakers, the event witnessed 54 participants.



**ACHARYA NARENDRA DEV COLLEGE**  
(University of Delhi)  
NAAC accredited 'A' grade



**Department of Physics**  
(under the aegis of DBT STAR College scheme)  
in collaboration with

**Joy of Learning Foundation, Delhi**  
cordially invites students and colleagues to an  
interactive session on

**'Paradigm shift in Physics Education  
through hands-on techniques in Optics'**



**Date: 05 & 07 September 2018 (Wednesday & Friday)**

**Time: 10.00 a.m.**

**Venue: Seminar Hall (new block)**

**Patron: Dr. Savithri Singh**

**Convener: Dr. Arijit Chowdhuri**

**Coordinators: Dr. Manisha Verma and Dr. Sanjeeta Rani**

## SPIE Structured Light OPIC 2019

**Organizer:** Dr. Catherine Berdanier, SPIE

**Date/Time/Location:** April 21-26, 2019 in Yokohama, Japan

**Participants:** Mr. Rohit Saini from our chapter and other leaders and research scholars from different chapters

**Cost:** \$ Supported by SPIE, USA Officer's Travel Grant

The 2019 SPIE Structured Light OPIC (Optics and Photonics International Congress) programme along with SPIE leadership workshop was held in April, 2019 in Yokohama, Japan. Mr. Rohit Saini, B.Sc. (Hons.) Electronics III Year student attended that conference from April 21-26, 2019. He was awarded the Officer's Travel Grant to attend the SPIE Leadership workshop along with OPIC. He was a part of IoT-SNAP2019 International conference which was majorly about the modern technologies and many technical papers were presented there from leading companies and professors. The leadership workshop was a really good experience. The chapter leaders joined that workshop across all over the world. Everyone has their own chapter posters enlightening about their works, promotions and research they have done so far throughout the year 2018-2019. We have also participated in some lectures and activities conducted by Dr. Catherine Berdanier. These activities were really good to develop our communication presentation and writing skills. Few of them were senior and guided him for future studies and he also met directors and manager of Japanese companies. They motivated him for bright future. OPIC fair was the best part of conference leading companies were to present their new products and development they have done so far. According to Rohit, attending 2019 SPIE Structured Light programme was a wonderful experience for him and shared his experience with all the members in our chapter so it was worth for them also.



**Induction Workshop:** - A two-day Induction Workshop was held from September 25-26, 2018 for SPIE members. The workshop had an invited talk by Prof. Joby Joseph, Department of Physics, IIT Delhi on the topic of “Fabrication of Nanophotonic Structures and some Applications”. Hands-on sessions were conducted during the workshop on projects like Water drop Microscope, Communication through Fiber-Optic cables, Laser Spirograph, Lissajous light patterns through vibration and Holography. Dr. Sanjay Kumar, Department of Physics was the resource person in setting up and recording the holograms. The workshop convener was Dr. Amit Garg.

**Workshop at Deen Dayal Upadhyay College, DU:** A two-day workshop on Internet of Things (IOT) was organized by izindiya in co-operation with IIT Bombay at Deen Dayal Upadhyay College, University of Delhi on October 12-13, 2018. Two teams of 4 students each (Rohit Saini, Pranjal Singh, Ritesh Raj, Vikram Bhardwaj, Lokendra Singh, Rajat Mann, Gaurav Lokhna and Ashutosh Singh) were sponsored by our Chapter to attend and take part in the workshop. They learned various projects like basics of LED blinking; relay board working for actual home appliances, controlling circuit over Wi-Fi, managing practical data for application over internet along with various other things.

**SPIE Office bearers:**

1. President- Rohit Saini B.Sc. (H) Electronics, III Year.
2. Vice-President- Chiradeep Das, B.Sc. (H) Electronics, III Year.
3. Secretary- Ritesh Raj, B.Sc. (H) Electronics, III Year.
4. Treasurer- Hardik Minocha, B.Sc. (H) Electronics, II Year.

**Orientation Day:** - SPIE Chapter at ANDC was involved in carrying out part of the Research sessions of 4 hours each on the Orientation Day held from July 20-23, 2018 that had an average of around 100 fresher's across all the departments. The Chapter members demonstrated two simple optics-based projects on Peppergram and Total Internal Reflection to the students along with the role of SPIE as a society at ANDC as well as internationally. The noteworthy contributions were of- Rohit Saini, Ritesh Raj, Vikram Bhardwaj, Akshansh Jha, Pranjal Singh and Ashutosh Singh.

**SPIE International Conference at San Diego:-** The SPIE Optics and Photonics Conference was held at San Diego, CA, USA from August 18-23, 2018 this year. Mr. Chiradeep Das, a student of B.Sc. (H) Electronics, Part III was awarded Officers' Travel Grant (OTG) to attend this conference with full funding from SPIE , USA. He demonstrated the phenomena of "Blue Sky and Red Sunset" at the Optics Outreach Games. He also presented a poster on the different activities of our Chapter and its current position as compared to other Chapters worldwide at a Poster Session. It was a great opportunity

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MoU with Auburn University of Montgomery, Alabama, USA (International)

Collaboration with IIT, Delhi for creation of Virtual Labs

MoU with Entrepreneurship Cell, School of open learning, University of Delhi

Think Lab- Collaboration with CUBE

Skill Hub @ ANDC

University of Delhi at ANDC SPIE Student Chapter

Creative Commons Affiliate

Delhi Node of the National Network of Mathematical and Computational Biology (NNMCB) (NNMCB-Delhi Node) @ ANDC

Science Setu program is an initiative undertaken to actively involve Indian scientists in sharing their research interests with the undergraduate students. Memorandum of Understanding (MoU) has been signed between ANDC & THSTI and this endeavor aims to build a bridge between the ANDC students and faculty with the THSTI scientists. Translational Health Science and Technology Institute (THSTI) is an autonomous institution of the Department of Biotechnology, Ministry of Science and Technology, Government of India. It came into existence in July 2009 with a mission to integrate the fields of medicine, science, engineering and technology into translational knowledge and make the resulting biomedical innovations accessible to human health.

The Setu provides opportunities to students to work on short-term projects at THSTI under the guidance of a scientist. Under their Shadow: A Scientist program, four of ANDC students got opportunity to work in assigned lab for 10-12 days at THSTI. Students got personal guidance by the scientists to whom they were assigned and conducted experiments in their laboratory.

Every year, students from various departments of Acharya Narendra Dev College attend their open day session. This gives them opportunity to participate in the Science quiz and extempore competition organized by THSTI on their open day. During their open day, they also organize poster session where many researchers from THSTI present their work.

THSTI also sponsored the travel allowance of one of our student Ms. Akhila A. of B.Sc. (H) Biomedical Science II Year to attend the Indian International Science Festival, which was organized by the Ministry of Science and Technology, Ministry of Earth Sciences in association with Vijnana Bharati at Indra Gandhi Pratishthan, Lucknow held from October 5-8, 2018.



# THSTI IS OPEN!



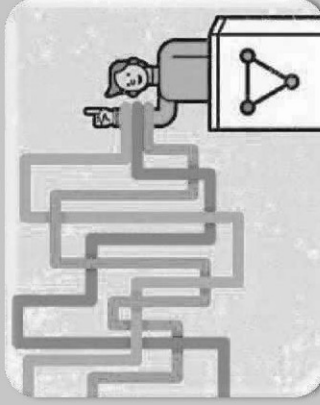
**EVENT: THSTI OPEN DAY**

**DATE: 28<sup>TH</sup> SEPTEMBER 2018**

**VENUE: THSTI, NCR BIOTECH SCIENCE CLUSTER, FARIDABAD**



**Lab Tours**



**Popular  
Science Talk**



**Quiz & Model  
Making**



**Tête-à-tête with  
scientists**

# Detailed agenda:

- **09:00 am - 9:30 am: Registration at THSTI**
- **09:30 am – 10:00 am: Tea & Snacks**
- **10:00 am – 10:15 am: Welcome address**
- **10:15 am – 10:30 am: Grouping into batches for lab visits**
- **10:30 am – 01:00 pm: Lab visits**
- **01:00 pm – 02:00 pm: Lunch**
- **02:00 pm – 03:30 pm: Competitions (Model making competition for schools; quiz for colleges)**
- **03:30 pm – 04:15 pm: Popular lecture followed by Q & A session**
- **04:15 pm – 04:45 pm: Prize distribution, Felicitations & Vote of Thanks**



# ACHARYA NARENDRA DEV COLLEGE

University of Delhi

Accredited "A" Grade by NAAC with a score of 3.31

DBT Star College



## TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE

An autonomous institute of  
Department of Biotechnology  
Ministry of Science and Technology  
Govt. of India

TRANSLATIONAL HEALTH SCIENCE AND  
TECHNOLOGY INSTITUTE

ACHARYA NARENDRA DEV COLLEGE  
(UNIVERSITY OF DELHI)

आचार्य नरेन्द्र देव कॉलेज  
(दिल्ली विश्वविद्यालय)



# Science

## Setu

A program to build bridge between  
ANDC students-faculty &  
THSTI scientists

Venue: SEMINAR HALL, ANDC | Date: August 30, 2018

Scientific Lectures & Interactive Sessions

# ACHARYA NARENDRA DEV COLLEGE

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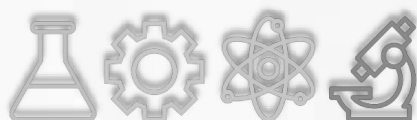
## TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE

An autonomous institute of Department of Biotechnology  
Ministry of Science and Technology, Govt. of India



# SCIENCE SETU

Venue: SEMINAR HALL, ANDC | Date: August 30, 2018



A program to build bridge between  
ANDC students-faculty &  
THSTI scientists

**Scientific Lectures &  
Interactive Sessions**

Visit: <http://andcollege.du.ac.in/>



# ACHARYA NARENDRA DEV COLLEGE

University of Delhi

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&



## TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE

An autonomous institute of Department of Biotechnology  
Ministry of Science and Technology, Govt. of India

### SCIENCE SETUP PROGRAMME

Venue: SEMINAR HALL, ANDC | Date: August 30, 2018

10.00 -10:15 AM *Welcome Address*  
Dr. Savithri Singh  
Principal, ANDC



10.15 -10:45 AM *Biomarkers in Health & Disease*  
Dr. Pallavi Kshetrapal,  
Ramalingaswamy Fellow, THSTI



10.45 -11:15 AM *Development origins of Health  
and Disease*  
Dr. Shailaja Sopory  
Scientist E, THSTI



11.15 -11:30 AM *Tea & Coffee Break*

11.30 -12:00 AM *Skeletal muscle physiology in  
wellness and being*  
Dr. Suchitra Devi Gopinath,  
Iyba Fellow, THSTI



12.00 - 12:45 PM *Debate*  
Pursuing future careers in science in  
India vs abroad

12.45 -01:00 PM *Vote of thanks*

Visit: <http://andcollege.du.ac.in/>

### 5.3.2. Educational e-Content Uploaded on the University of Delhi /Other Websites

Faculty	e-Chapter
Dr. Urmi Bajpai (Biomedical Science)	Have developed a web portal for “International Bacteriophage Research Consortium (IBRC)” in collaboration with Open Health System Laboratory (OHSL), USA, which went live in October 2018.



### **8051/52 Embedded Systems - ROBOTHLON'19**

**Organizer:** Robosapiens India

**Date/Time/Location:** October 4, 2019 from 9 am - 5 pm at IIT Delhi

**Participants:** 2 students from the chapter (They were undergraduates)

**Cost:** \$100

The workshop mainly focused on the students eager to learn about Embedded System using 8051. This was a chance provided to them to expand their knowledge in the field of designing, construction, operation, and application of Embedded System with real time practical experience using Robosapiens 8051 Development Board. The duration of this workshop was 1 day, with 2 Sessions, properly divided into theory and hand on practical sessions. Our chapter fully funded the two of its members, Mr. Hardik Minocha and Mr. Prahlad Prajapat to attend this workshop. The students had their projects running under the chapter which required knowledge in Embedded Systems using 8081. Some of the practical mini projects were writing "LED BLINKING" Code in Embedded C, Displaying and Blinking Text, Scrolling Text, Automatic Counting of Numbers using LCD. After attending the workshop, they helped other students working on various areas and propagated their knowledge in the meetings with other members of the chapter.



### **SPIE Orientation Programme 2019**

**Organizer:** Acharya Narendra Dev College

**Date/Time/Location:** July 22 - 23, 2019 from 12-3 pm in Computer Lab, New Building

**Participants:** 6 members from the chapter and audience were freshers of the college.

**Cost:** \$100

A two-day Orientation Program from July 22 – 23, 2019 was organized in four sessions each day to aware the newly joined students of the college about the activities of the SPIE Society. A team of potential members in the chapter and newly elected officers led by Prince Sharma, Chapter president 2019-20 and Avinash Kumar Lal, Chapter Secretary 2019-20 told freshers everything about the existing SPIE society in the college interactively right from the basics to the pre-accomplished projects. The team apprised them about the recent activities organized by the chapter and freshers were told about the importance of Optics and Photonics which is applied everywhere in the world and also realized them how important it is work in the advancement of Optics and Photonics. It was fun and interactive session with the new curious minds.



### Optical Color Mixing Workshop cum Introductory session with Freshers

**Organizer:** Prince Sharma, President 2019-20; Hardik Minocha, Treasurer 2018-19; Amit Garg, Faculty Advisor

**Date/Time/Location:** August 9, 2019 from 1-5 pm in Seminar Hall, New Building

**Participants:** 110 students (Most of them were newly joined society members)

**Cost:** \$100

It was specifically organized to give new members the practical idea of what the society is all about. The session started by address and welcome of the new members by the newly elected President, Mr. Prince Sharma. At the start, he quickly reviewed everything about the society that was already told in orientation sessions making convenient for those who could not attend it. He introduced other chapter officers and some potential members and later, he placed the upcoming yearly plan of the society in front of the students and kept some milestones with the team. The session was quite motivating which encouraged them to show active participation in society. The second session was of the workshop where Mr. Hardik Minocha with his team gave theoretical explanation of Colors and emphasized on the difference between Optical and Pigment Colors. Students were given the practical overview of how Red, Green and Blue are mixed together to generate different colors. It was no doubt knowledgeable and interactive session with the students.





#### **Fourth Lecture Workshop on Transdisciplinary Areas of Research and Teaching**

**Organizer:** Amit Garg, Faculty Advisor

**Date/Time/Location:** September 27 – 28, 2019 at DDUC, University of Delhi

**Participants:** 14 students (All were chapter members)

**Cost:** \$100

14 Students attended a DST (Department of Science & Technology, Government of India) Sponsored Fourth Lecture Workshop on Transdisciplinary Areas of Research and Teaching by Shanti Swaroop Bhatnagar Awardees held on 27th and 28th September. The series of lectures included talks on Mathematical Modelling, Photonics Revolution, Evolution of Quantum Theory & Entanglement, etc. from scientists and personalities of various fields. Among the famous personalities, Prof. Anurag Sharma, who is also a faculty advisor at IIT Delhi Student Chapter delivered his enlightening talk on Optics and Photonics. Students from our chapter interacted with him and asked curious questions that was aroused from his lecture. Prof. Ajoy Ghatak delivered his talk on the Evolution of Quantum Theory & Entanglement. Other Shant Swaroop Bhatnagar Awardees were Dr. Jitendra Nath Goswami, Dr. G. Narahari Sastry, Prof. Balasubramanian Sundaram. Students were

**Organizer:** CSIR, Government of India

**Date/Time/Location:** September 28, 2019 and September 30 from 12-5 pm :NPL, IGIB

**Participants:** 30 students (Most of them were the Chapter members)

**Cost:** \$100

With an aim to go beyond academics, our chapter organized a lab visit at National Physical Laboratory (NPL) and Institute of Genomics and Integrative Biology (IGIB) under CSIR (Council of Scientific and Industrial Research). Students were divided on the basis of their interests and sent to the respective labs for the practical exposure on 28th Sept (IGIB) and 30 Sept. (NPL). Students went through the various workshops including lithography techniques being used in the labs and got to see various laboratories and instruments and types of luminescent materials and their properties. Parallel by four student members (Mr. Phalguner, Mr. Avinash Kumar, Ms. Tripti Varshney, Mr. Aman Tyagi) were selected for main CSIR foundation day function at Vigyan Bhawan, Delhi where Sri Ram Nath Kovind, Hon'ble President of India and Dr. Harsh Vardhan, Hon'ble Minister of Science & Technology, Vice-President, CSIR were the chief guest. This visit provided students with an opportunity to learn practically through interaction and working methods. Also, it encouraged them to extend their hands in research works.





### **Maker Faire Hyderabad 2019**

**Organizer:** Make Media Inc., San Francisco, USA and TWorks

**Date/Time/Location:** November 10 – 12, 2019 from 10 - 5 pm in Hitex Exhibition Center, Hyderabad

**Participants:** Mr. Devesh Yadav and Mr. Avinash Kumar Lal (They took part as an attendee)

**Cost:** \$150

The Maker Faire Hyderabad brings together tech enthusiasts, crafters, educators, tinkerers, food artisans, hobbyists, engineers, science clubs, artists, students, and commercial exhibitors every year. The makers come to show their creations and share their learnings and the attendees flock to the event to glimpse the future and find the inspiration to become makers themselves. Two students, Mr. Devesh Yadav and Mr. Avinash Kumar Lal were sent to attend Maker Faire Hyderabad Event. According to them, there was a gathering of students, enthusiasts and entrepreneur with great ideas and projects from all over the country. There were projects presented on different social and real-life problems. From School kids on Ph.D scholars all participated in the event. Major attraction of this event were the projects presented by school kids which required a good and high-level programming knowledge with a good sense of electronic circuits (Some of the projects were Medicine Reminder for old age people, Garbage Sorter, Obstacle Detection Robot, Obstacle Detection Glasses for Blind People etc.) One of the projects that fascinated the most was a vertical farming model. This model was based on advanced research and different techniques on good quality farming which utilizes most of the outputs including waste material. It included a robot for sowing seeds in farm and removing weeds from the crops. The concept of aquaponics was also used in this project which made it worth considering. There were many more projects like drones, music teaching piano, models on AI learning and much more brought up to there by different startups from all over the country. Some worth mentioning projects included Vapra - the compost maker, Reimagining monuments (for blinds), Automatic Fire Alarm and Safety System, Electric Bike,



### **Arduino Masterclass**

**Organizer:** Elecbits (<https://www.linkedin.com/company/elecbits/about/>), Amit Garg, Faculty Advisor

**Date/Time/Location:** September 7, 2019 from 1-5 pm in Seminar Hall, New Building

**Participants:** 100 students (Most of them were chapter members, few of them were from outside the chapter)

**Cost:** \$100

A hands-on workshop on Arduino was organized in association with Elecbits which included Introduction to Arduino, building an Arduino Instant Messenger, Weather Station, own Disco Light and building an Ultrasonic Radar. This workshop kickstarted the minds of freshers to start working on their own projects and make something creative out of their curious minds with the existing technologies.

Presents



Learn  
coding the  
way industry wants

Powered by:

**STEAMEDU**  
www.stamedu.in

REGISTER AT: [bit.ly/pyrobotspie](https://bit.ly/pyrobotspie)

LAST DATE: 5 FEBRUARY 2020

**PyRobot Workshop**  
Python with programming robots



#### **Fourth Lecture Workshop on Transdisciplinary Areas of Research and Teaching**

**Organizer:** Amit Garg, Faculty Advisor

**Date/Time/Location:** September 27 – 28, 2019 at DDUC, University of Delhi

**Participants:** 14 students (All were chapter members)

**Cost:** \$100

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### Excursion Trip to Nehru Planetarium

**Organizer:** Amit Garg, Faculty Advisor

**Date/Time/Location:** August 29, 2019 from 10-5 pm at Nehru Planetarium, New Delhi

**Participants:** 80 students (All were the chapter members)

**Cost:** \$200

Field trips connects students to the real world. It awakens the student's interest to learn and get new learning information, no matter how boring the subject is in theory. Considering the same, SPIE Student Chapter conducted an excursion trip to Nehru Planetarium which brought curiosity among students in Astronomy – Astronomy telescopes, stars, and galaxies which is one of the core parts in the field of Optics and Photonics. This facilitated fast and efficient learning among students. SPIE fully funded the tickets and travel for the excursion trip to Nehru Planetarium. Sky theatre was the prime attraction to the students. The dome-shaped theatre displayed information on planets, constellations, and stars. The information was beautifully presented with the help of computer animations, video clippings and special effects. Various programmes was created with these objects to display astronomical information in the Sky Theatre. One of the other major attractions in the planetarium was Soyuz T-10 which was used by Rakesh Sharma, the first Indian cosmonaut, to travel to space.





## Invited Talk and Interaction with Prof. Marija Strojnik under SPIE Visitor Lecturer Grant

-Prince Sharma

On 15<sup>th</sup> October 2019 under the aegis of the University of Delhi at ANDC SPIE Student Chapter, Prof. Marija Strojnik, an astrophysicist and distinguished Professor at Optical Research Center, Mexico from SPIE had delivered an invited talk on 'Autonomous Navigation with Intelligent Camera for Space and Earth'. It is a milestone in the chapter history of almost 10 years that the chapter availed 'Visiting Lecturer Grant' from SPIE USA and organised this mega event in the chapter year 2019-20.

The event commenced by the offline registration of the students for the initial talk which was scheduled from 10:00 – 11:30 to be delivered by Prof. Marija Strojnik on the above topic. Prof. Marija Strojnik was escorted from her hotel to our college premises by the reception committee consisting of Prince Sharma, Chapter President and Mallika Yadav, Chapter Vice-President. After the registration was over, Dr. Arijit Chowdhuri greeted Prof. Marija accompanying her to the seminar hall along with the Acting Principal of our college, Dr. Ravi Toteja. There was a formal welcome followed by the lamp lighting ceremony. It was then followed by a welcome speech delivered by the Principal of our college. Dr. Arijit Chowdhuri, Assistant Professor of the Department of Physics warmly welcomed Prof. Marija Strojnik with his words. Prof. Marija Strojnik was then requested to deliver her talk to the students. Since our faculty advisor Dr. Amit Garg went out of India for a conference, he sent a video welcome message for Prof. Marija Strojnik which was then played before the start of the talk. Her talk began with a brief introduction to SPIE and her hour-long talk almost covered everything regarding the topic considering the level of undergraduate students. It ended well with some interactive questions related to the topic from the students. The talk was attended by more than 100 students and it truly covered the proposed objective of the event. Everyone enthusiastically interacted with her and also raised their doubts. The doubts were well cleared by Prof. Marija. After the talk was over, Dr. Arijit Chowdhuri ended the first session with thanks note to Prof. Marija. Students were then requested to attend the next session with Prof. Marija Strojnik which was scheduled to be a motivational interactive session with her. They were requested to report to Committee Room at 11:45 am. Meanwhile, Prof. Marija Strojnik was taken for a tea. Around 25 students attended the second session entitled 'Women at the Center' among which most of them were women students. The session was again very engrossing and lasted around one and a half hours. Prof. Marija shared her career experiences as a woman with all the students. Almost all the students freely interacted with her and put their questions related to their life and career. Prof. Marija cleared the doubts of the students and also helped them overcome their personal confusion. The overall discussion was emphasized on how women are making a difference in the development of the world. They are being treated equally as men and are encouraged in every field. The session ended with a vote of thanks by the student chapter President Mr. Prince Sharma. He presented Prof. Marija Strojnik with a memento on behalf of the chapter. Prof. Marija Strojnik visited the project exhibition organised by our chapter members. Each of the students in the project exhibition explained their respective projects to Prof. Marija. She was curious enough to ask a few questions to the students regarding their projects. Interestingly, she seemed quite fascinated by the work being done by the chapter members. We took a group photo with Prof. Marija after the exhibition. The session did not get over here. She was then requested to visit our SPIE lab where one of the students in the project exhibition had a project to showcase holography. The students displayed the working of their project in the lab which was again quite an interactive discussion with her. Dr. Vishal Dhingra, Assistant Professor of the Department of Electronics concluded the event with a bouquet presentation to Prof. Marija Strojnik in the lab and thanked her to visit our college. Interestingly, our journey with Prof. Marija Strojnik did not end here.



**Acharya Narendra Dev College**

(University of Delhi)

**SPIE.** STUDENT CHAPTER  
UNIVERSITY OF DELHI AT ACHARYA NARENDRA DEV COLLEGE

**ELECTROBLITZZ**

Under the aegis of DBT STAR COLLEGE SCHEME  
and in collaboration with SPIE STUDENT Chapter ANDC  
PRESENTS

**Technical Talk on IoT and Connectivity Solutions**



Chief Guest

**MR. DEVENDER DHAWAN**

Founder of TouchTECHNO, NEW DELHI

**TIMINGS: 9:30 AM - 11:00 AM**

**VENUE: SEMINAR HALL**



# ACHARYA NARENDRA DEV COLLEGE

University of Delhi

NAAC Accreditation Grade 'A' | Mentor under UGC *PARAMARSH* Scheme  
DBT Star College

&



## TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE

An autonomous institute of Department of Biotechnology  
Ministry of Science and Technology, Govt. of India

### SCIENCE SETU PROGRAMME

Venue: SEMINAR HALL, ANDC | Date: February 25, 2020

Time: 12:00 p.m. to 02:00 p.m.

12.00 to  
12:15 PM

Welcome Address  
**Dr. Ravi Toteja**  
Acting Principal, ANDC



**Dr. Chandresh Sharma**  
Research Scientist, THSTI  
*Typhoid Diagnostics*

12.15 to  
12:45 PM

12.45 to  
01:15 PM

**Dr. Tarun Kumar Sharma**  
Senior Research Scientist, THSTI  
*Innovation in Diagnostics*



Panel Discussion

01.15 to  
01:45 PM

01.45 to  
02:00 PM

Vote of thanks

# International Bacteriophage Research Consortium

Presents lecture by



## Professor Graham Hatfull

Mycobacteriophages: Diversity, Dynamics and Therapy

Graham Hatfull is an Eberly Family Professor of Biotechnology and HHMI Professor in the Department of Biological Sciences in the Kenneth P. Dietrich School of Arts and Sciences at the University of Pittsburgh, USA. He has recently been elected as the member of the American Academy of Arts and Sciences.



**June 17, 2020**

6:30 pm IST  9:00 am EDT 



@phageconsortium

Scan the QR Code to register



P R E S E N T S

# HYBRID MOBILE APP DEV WITH FLUTTER



**Duration :** 5 Days, 2 Hour session everyday

**Dates :** 13th - 17th July, 2020

**Time :** 12.30 PM to 2.30 PM

**Tool :** Google Meet

**Fees :** Rs 500/- Non ANDC student

Rs 300/- ANDC students and ANDC SPIE members

## What will you learn

Flutter Architecture  
Flutter & DART Setup  
Building Flutter First App  
Run App On Real Device & Emulator

Deep Dive of Dart Language  
Stateful And Stateless Widgets  
Basic Widgets  
Material Widgets

Layouts In Flutter  
Scaffold Widgets  
Flutter Navigators And Routes  
Event Handling

State Management  
Async Coding in Flutter  
OAuth in FireBase  
Integrate Flutter with FireBase

### Requirements

- Laptop/Desktop
- Knowledge of any programming language
- Internet connectivity

Limited seats Available

**!!Register Now!!**

Scan to register



### Projects

- MUSIC APP
- TODO APP

Co-ordinators

Dr. Amit Garg (Faculty Advisor)

Dr. Ravneet Kaur

Student - coordinator

Aman Tyagi (President)

701 1433407

Industry Partner



Brain Mentors Pvt. Ltd

Helping minds to perform in IT World



SPIE Student Chapter University of Delhi at  
Acharya Narendra Dev College  
and  
Department of Electronics  
under DBT Star College  
presents



# DATA SCIENCE WITH PYTHON

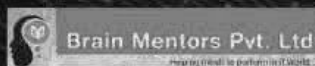
A five day workshop with a two hours session each day

The participants will get to learn about

- Data Analysis on COVID -19 and IPL
- Face Detection and Recognition
- Face Mask Detection using Machine Learning

<https://www.spieandc.org/pythonworkshop>

INDUSTRY PARTNER:



E-certificates will be provided after the successful completion of the workshop.

Teacher Coodinators:  
Dr. Amit Garg  
Dr. Ravneet Kaur

Student Coodinator :  
Mr. Aman Tyagi  
7011433407

Starts on  
**March**

**3**

4:00 p.m. to  
6:00 p.m.



# International Bacteriophage Research Consortium

Presents lecture by



## Professor Yves Briers

From discovery to high-throughput  
engineering of phage lysins targeting  
Gram-negative bacteria

Prof. Yves Briers is Associate Professor at the Laboratory of Applied Biotechnology at Ghent University, Belgium. His research focus is on synthetic biology of modular proteins with a keen interest in bacteriophage-encoded lysins for biocontrol of multi-drug resistant pathogens. Recently, they have developed an ingenious platform that gives turbo boost to the development of new antibiotics.



**July 09, 2020**

5:00 pm IST  1:30 pm CEST 



@phageconsortium



<https://bit.ly/3dWkrD4>

# International Bacteriophage Research Consortium

Presents lecture by



## Professor Paul E. Turner

Challenges in commercially  
developing phage therapy to  
target drug-resistant bacteria.

Professor Paul E. Turner, Rachel Carson Professor of Ecology & Evolutionary Biology & Microbiology, Yale University; Faculty member at Yale School of Medicine, USA. An expert in Steering Phages and INSeq mutagenesis, Prof. Turner is an established authority in bio-therapeutic application of phages.



## January 27, 2021

6:30 pm IST 

8:00 am EST 



@phageconsortium



Scan to Register OR  
<https://cutt.ly/ljlb8KU>



# Phage Bioinformatics Lecture Series

*Hosted by*

**IBRC-Phage Directory**



## Deborah Jacobs-Sera

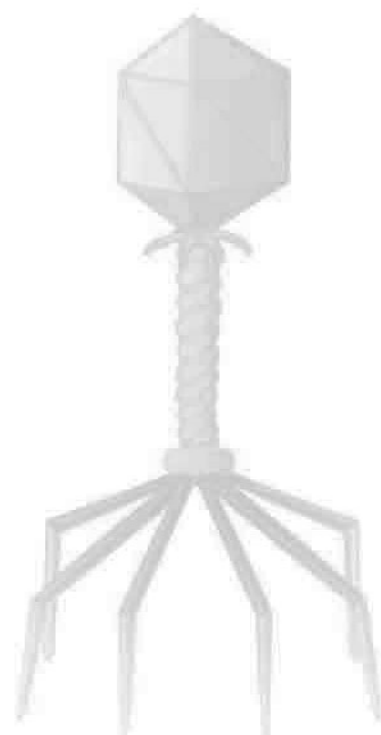
Genomic Annotation and  
Comparative Bioinformatic  
Analysis of Actinobacteriophages

Deborah Jacobs-Sera, Senior Researcher,  
Hatfull Lab; Coordinator of PHIRE & SEA-  
PHAGES Project Materials, Department of  
Biological Sciences, University of Pittsburgh,  
USA

## February 16, 2021

6:30 pm IST 

8:00 am EST 



@phageconsortium  
@phagedirectory



Scan to Register OR  
<https://bit.ly/3tOlbrO>

# Phage Bioinformatics Lecture Series

Hosted by

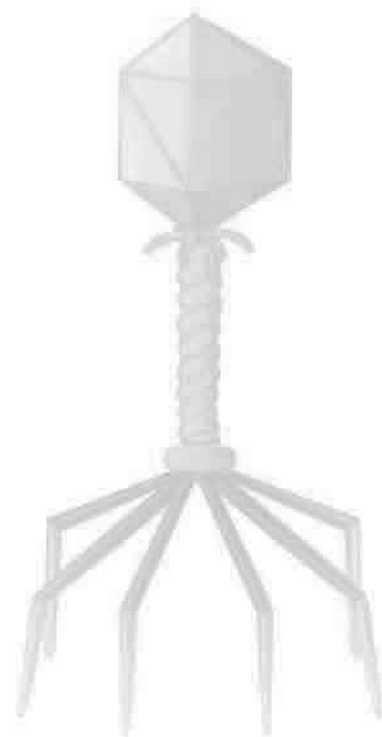
**IBRC-Phage Directory**



## Katelyn McNair

Phage genome annotation: the right way and/or the easy way!

Katelyn McNair, Research Scholar, University of California, Irvine and San Diego State University, USA. Developer of the first gene finder software PHANOTATE, specifically designed for phage genome annotation & PHACTS for the prediction of temperate/virulent phages.



**March 2, 2021**

9:00 pm IST 

7:30 am PST 



@phageconsortium  
@phagedirectory



Scan to Register OR  
<https://rb.gy/9as5bo>

# Phage Bioinformatics Lecture Series

Hosted by

## IBRC-Phage Directory



### Dr. Jason Gill

Phage genome annotation pipelines  
in CPT Galaxy and WebApollo

Dr. Jason Gill: Associate Professor, Department of Animal Science, Associate Director, Center for Phage Technology (CPT), Texas A&M University, Holds joint appointment with the Faculty of Genetics & the Department of Microbial Pathogenesis and Immunology in the College of Medicine, Current chair of Division M of the American Society for Microbiology.

Research focus: phage genomics, basic phage biology, and the applications of phages in real-world settings against bacterial pathogens including *E. coli Salmonella*, *S. aureus*, *K. pneumoniae*, and *A.baumannii*

## April 7, 2021

8:30 pm IST  | 10:00 am CT 



@phageconsortium  
@phagedirectory



Scan to Register OR  
<https://bit.ly/3cx2EK5>

# Phage Bioinformatics Lecture Series

*Hosted by*

**IBRC-Phage Directory**



## Dr. Justin Clark

TAILΦRED Medicine: bioinformatic analysis of bacteriophages for therapeutic use and lessons learned from single patient cases

Dr. Justin Clark is the Lead Data Scientist and Co-founder of TAILΦR, a Baylor College of Medicine bacteriophage initiative, Houston, Texas, USA.

Research focus: therapeutic use of bacteriophages and comparative genomics of ESKAPE pathogens.

**March 30, 2021**

**8:30 pm IST** 

**10:00 am CT** 



@phageconsortium  
@phagedirectory



Scan to Register OR  
<https://bit.ly/319uSUD>



# Acharya Narendra Dev College (University of Delhi)



UBA @ ANDC  
in coordination with  
Entrepreneurship cell @ ANDC

ORGANIZES  
A TWO DAY SKILL DEVELOPMENT WORKSHOP - 1

March 1 - 2, 2021

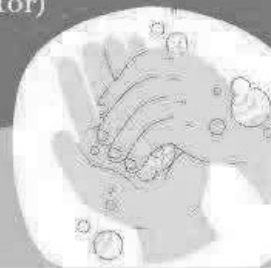
Time : 10 am - 12 pm

Venue : ANDC Campus

Dr.Pooja Bhagat  
(UBA Coordinator )

Dr.Ravi Toteja  
(Principal )

Mr.Sanjay Vohra  
(Entrepreneurship Cell  
Coordinator)





**SPIE. STUDENT CHAPTER**  
UNIVERSITY OF DELHI AT ACHARYA NARENDRA DEV COLLEGE

**SPIE Student Chapter University of Delhi Acharya Narendra Dev College with IQAC and DBT STAR College presents**

Full STACK Web Development using

# MERN

**Register Now**

A five day Hands-on online workshop with a two hours session each day

Benefits of Attending Seminar / Workshop / FDP

- Workshop taken by Exceptionally Qualified and Professional Trainers actively involved in Development.
- Real time Exercises and Practical.
- Industry Standard Software Used for Training.

Requirements from our side during the session

1. Laptop
2. Wi-Fi Internet (Must)

Teacher Coordinators :

Prof. Amit Garg  
Dr. Ravneet Kaur

Student Coordinators :

Ms. Shruti Yadav (8577827574)  
Mr. Devesh Yadav (9305528116)

Industry Partner :

**BRAIN MENTORS PVT. LTD**

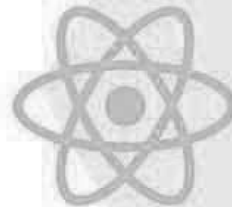


- Free for SPIE members
- Rs. 50 for ANDC students
- Rs. 200 for non ANDC students



mongoDB

express JS



React



**Will Be Held On**

📅 4 PM -6 PM  
5th March to 9th March, 2022

📍 **Google Meet**  
Acharya Narendra Dev College,  
University of Delhi

CLICK TO REGISTER



SPIE. [www.spieandc.org](http://www.spieandc.org)





**SPIE.** STUDENT  
CHAPTER  
UNIVERSITY OF  
DELHI AT ACHARYA  
NARENDRA DEV  
COLLEGE



SPIE Student Chapter University of Delhi at  
Acharya Narendra Dev College and  
Department of Electronics under DBT Star College and IQAC  
presents

# LEARNING HOLOGRAPHY

Click to Register



A ONE DAY OFFLINE WORKSHOP

14 March

- Free for SPIE Students
- ₹ 50 for ANDC Students
- ₹ 300 for Other Students

Starts at 10:00 a.m.

E-certificates will be provided after the successful completion of the workshop.

**Student Coordinators :**  
Shruti Yadav (8577827574)  
Devesh Yadav (9305528116)



**Teacher Coordinators :**  
Prof. Amit Garg  
Dr. Ravneet Kaur

Acharya Narendra Dev College,  
University of Delhi



SPIE. [www.spieandc.org](http://www.spieandc.org)

**SPIE. STUDENT CHAPTER**  
UNIVERSITY OF DELHI AT ACHARYA NARENDRA DEV COLLEGE

SPIE Student Chapter University of Delhi at Acharya Narendra Dev College & Department of Electronics, DBT Star College and IQAC presents



*Offline Workshop*



One-day workshop on  
**ARDUINO**  
*and*  
**SENSOR INTERFACING**

E-certificates will be provided to all the successful participants

DATE

26 March 2022

TIME

10 am onwards

VENUE

Acharya Narendra Dev College, University of Delhi

Industry Partner:  
Touch Techno

Teacher Prof. Amit Garg  
Coordinators Dr. Ravneet Kaur

Student Shruti Yadav: 8577827574  
Coordinators Devesh Yadav: 9305528116

Register here



Registration Fee:

SPIE members: Free

ANDC students: ₹50

Non-ANDC students: ₹300

SPIE. [www.spieandc.org](http://www.spieandc.org)





**SPIE. STUDENT CHAPTER**  
UNIVERSITY OF DELHI AT ACHARYA NARENDRA DEV COLLEGE



SPIE Student Chapter University of Delhi  
Acharya Narendra Dev College  
with IQAC and DBT STAR College  
presents

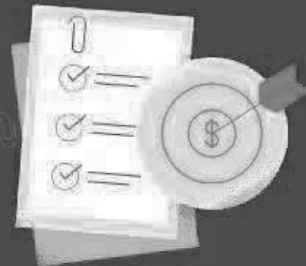
● LIVE

# Webinar Session

Are you good at Editing/Proof Reading, Type setting, Graphic Designing, Digital Marketing, Translation, Voice Over etc ? Then this is an opportunity for you..

Topic :

**Career Opportunities in Publishing**



February 4, 2022  
4:00 PM-5:30 PM

With :  
Mr. Sahil Gupta

Founder at  
Publishingconsultant.in

**REGISTER NOW**

Teacher Coordinator :  
Prof. Amit Garg  
Dr. Ravneet Kaur

Student Coordinators :  
Ms. Shruti Yadav (8577827574)  
Mr. Devesh Yadav (9305528116)

Scan QR



[www.spieandc.org](http://www.spieandc.org)



# IBRC Symposium

Presents

## Phage Lysins: Promising alternatives to antibiotics



**Dr T. S. Balganes**

President,  
GangaGen Biotechnologies Pvt.  
Ltd. (GBPL)  
Member, Board of Directors,  
GBPL, INDIA.



**Mr Sukumar Hariharan**

Head of Development,  
GBPL, INDIA



**Dr. Vincent A. Fischetti**

Professor & Head,  
Laboratory of Bacterial  
Pathogenesis and Immunology,  
Rockefeller University, U.S.A.

“

*A brief overview of  
US Bacteriophage  
Research Landscape*”

**Joseph Campbell**

NIAID Program Officer & Leader  
of NIAID Bacteriophage Interest  
Group, U.S.A.

**July 9, 2021**

**7:30 pm IST** 

**| 10:00 am ET** 




@phageconsortium



Scan to Register  
OR Use the Link:  
[shorturl.at/cpCV3](https://shorturl.at/cpCV3)



Fwd: Webinar tomorrow  
(10/12) - "Setting Up for  
Success for the Health  
Professions" 

External

Inbox



SPA to Princ... 12/10/2022

to bcom20andc, che... 

Dear Students,

ANDC signed a MoU with **Auburn University at Montgomery, USA.**

They are organizing a webinar on "Setting Up for Success for the Health Professions".

If you haven't already registered, you can do so [here](#).

Thank you,  
Urmi










**Dear Sir,**

It was great speaking with you.

Monster is one of the leading job portals of India catering to the need of every job seeker and employer alike. Monster First Job program is a special initiative by Monster to provide students with recruiter eyeballs and guide them through their journey of entering the corporate world.

Due to raging competition in the Indian job market, it has become imperative to devise a mechanism that will help students prepare better for their upcoming careers.

**Monster First Job Program Highlights:**

-  Get your students discovered by 50000+ recruiters in our fresher recruitment drive.
-  Access to job alerts mailers twice a week from all the top companies.
-  College placements and expert services on resume building to bring your students in the spotlight.
-  Best in industry benefits for students by the fraternity of our network partners.
-  Student ambassador program to facilitate our campus corporate partnership and bridge the branding goals for your college.






I am sure, that these benefits would have enthused you to leap towards a better future for your college as well as students. If yes, then let us share the responsibility of meeting your goals together. Please find attached the following:

1. Monster First Job program brochure for your ready reference
2. Mtd draft for review and finalization



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#### **Monster First Job Program Highlights:**

-  Get your students discovered by 50000+ recruiters in our fresher recruitment drive.
-  Access to job alerts mailers twice a week from all the top companies.
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1. Monster First Job program brochure for your ready reference
2. MoU draft for review and finalization

So, take a quick step to connect and collaborate for a better tomorrow!

**Warm Regards,**

Garapati Shanmukh Sai,  
Asst. Manager - Marketing  
9701994007





----- Forwarded message -----

**From: Dr. Ravi Toteja**

<principal@andc.du.ac.in>

Date: Thu, Feb 3, 2022 at 1:20 PM

Subject: Re: Monster First Job Program

To: Placement ANDC

<placement@andc.du.ac.in>

Kindly go ahead

On Thu, 27 Jan 2022 at 18:50 Placement

ANDC <placement@andc.du.ac.in>

wrote:

Respected Sir,

I had received a following mail from Monster first Job to provide an assistant to provide placement services and conduct placement drive for our college students, In this regards they send me MOU for a same. You are requested to look in to matter and do a needful at your end.

Regards

Sanjay Vohra

----- Forwarded message -----

**From: firstjob@monsterindia.com**

<firstjob@monsterindia.com>

Date: Mon, Jan 24, 2022, 11:50 AM





ACHARYA NARENDRA DEV COLLEGE  
UNIVERSITY OF DELHI  
DBT STAR COLLEGE



ACCREDITED 'A' GRADE BY NAAC/ ALL INDIA NIRF 2020 RANKING-18

Under the aegis of IQAC & DBT STAR College Scheme

## Workshop

on

# "Initiating Virtual Labs @ ANDC"

in collaboration with



## Indian Institute of Technology-Delhi

August 24, 2021

04:00 to 05:30 pm

Register at : <https://forms.gle/dXJb4Fh6Uzeuhk3f7>



Patron  
Prof. Ravi Toteja  
(Officiating Principal)

Dr. Sumit Sahni  
Department of Botany  
(Nodal Coordinator)

Dr. Vineet Kumar Singh  
Department of Botany  
(Nodal Co-coordinator)



**Pandurangan Vijayanand** MD PhD  
Associate Professor  
Division of Vaccine Discovery  
William K. Bowes Distinguished Professor  
vijay@lji.org  
T 858 752 7167 F 858 652 6985

**La Jolla  
Institute**  
FOR IMMUNOLOGY

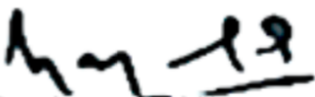
**Life  
Without  
Disease.** ®

November 24, 2020

**Certificate**

This document certifies that Rohit R. Gokhale, a student of Acharya Narendra Dev College, University of Delhi, India successfully completed his summer project work entitled “*Gene Expression in Different Immune Cell Types and Its Regulation by CRISPR-Cas9 and CRISPR-dCas9 Systems in Jurkat Cells*” from June to July 2019 in my laboratory at the La Jolla Institute for Immunology in San Diego, California, USA, under the guidance of Dr. Vivek Chandra and myself, Professor Pandurangan Vijayanand. Rohit had planned to return to my laboratory for two months during the 2020 summer, but could not due to the unforeseen obstacles and traveling limitations of the COVID-19 pandemic.

Sincerely,



Pandurangan Vijayanand  
Associate Professor  
La Jolla Institute for Immunology





# Indian Institute of Technology - Kanpur

Department of Biological Sciences and Bioengineering

Kanpur 208016, INDIA

Tel: (91) 512-259-4040

Fax: (91) 512-259-4010

Email: sganesh@iitk.ac.in

*Dr. S. Ganesh*  
*Professor of Biology*

July 16, 2018

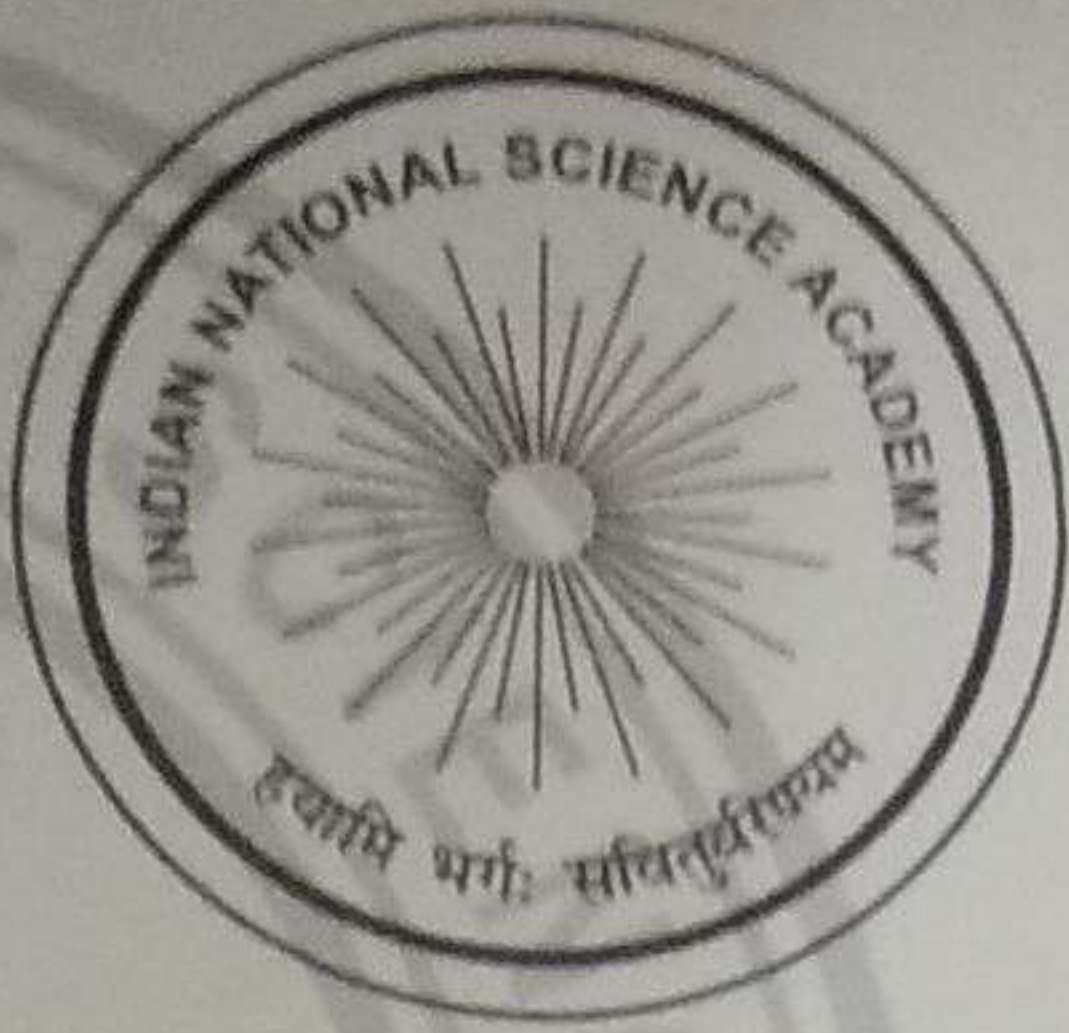
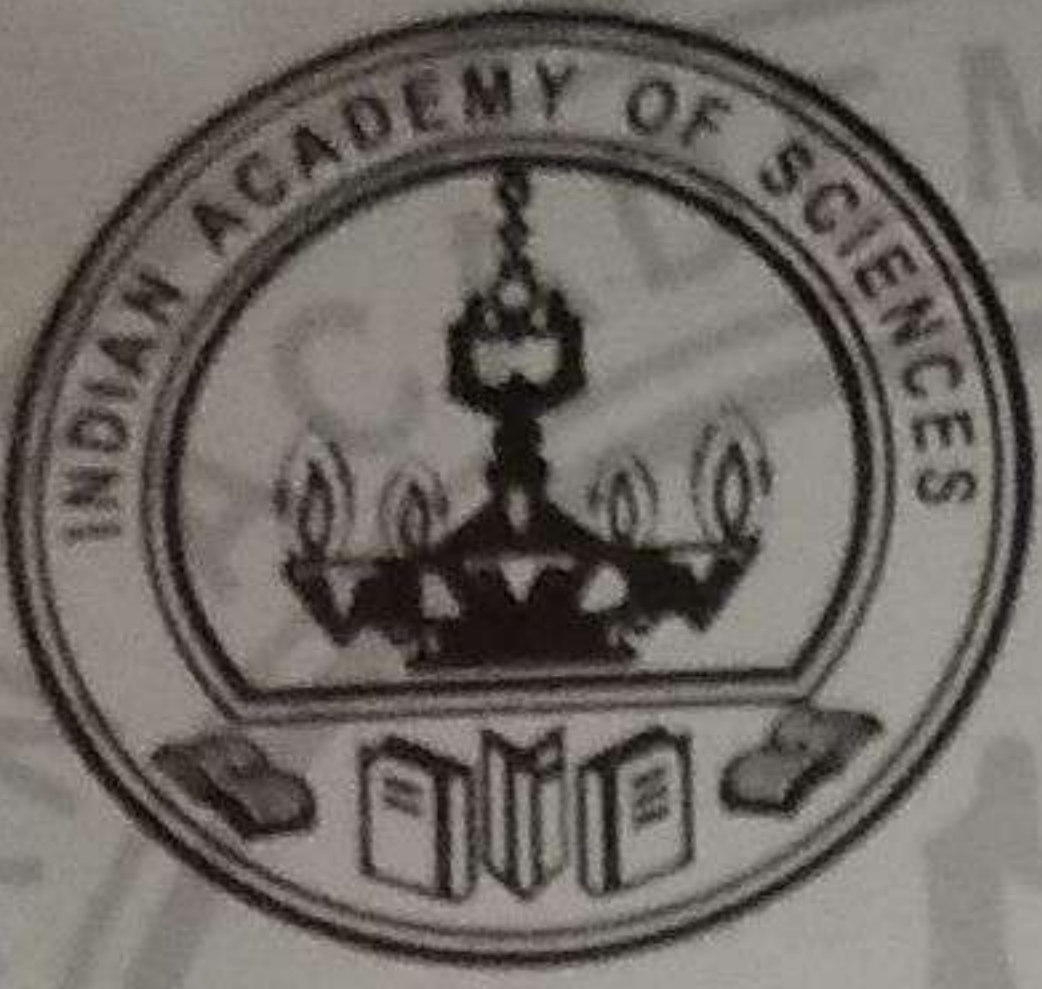
## CERTIFICATE

This is to certify that Mr. Anmol Singh (Roll no. Y-1010) a student of B.Sc. (Hon's) Zoology programme at the Acharya Narandra Dev College, University of Delhi, New Delhi, has successfully completed two months (From 23<sup>rd</sup> May 2018 to 16<sup>th</sup> July 2018) summer internship on the project "Engineering a mammalian expression construct of SSBP1 and SSBP1 $\Delta$ MTS" under my guidance and supervision. He was found to be punctual, hardworking and inquisitive during the training period.

Sincerely,

(S.Ganesh)

Dr. S. Ganesh  
Professor  
Department of Biological  
Science and Bioengineering  
Indian Institute of Technology  
KANPUR-208 016 (INDIA)



## SUMMER RESEARCH FELLOWSHIP PROGRAMME CERTIFICATE

*This is to certify that Mr Anmol Singh worked on a project entitled "Cloning and expression of DDX52 to study its effect on KCM replication and infectivity" during June - August 2019 as a Summer Research Fellow under the supervision of Dr Debashis Mitra, National Centre for Cell Science, Pune. The Summer Research Fellowship Programme is jointly sponsored by IASc (Bengaluru), INSA (New Delhi) and NASI (Prayagraj).*

*M. R. N. Murthy*

*M. R. N. Murthy  
Chairman, Science Education Panel*

*Place: Bengaluru*

*Date: 12-09-2019*



INDIAN ACADEMY OF SCIENCES

C. V. Raman Avenue, Post Box No. 8005, Raman Research Institute Campus, Sadashivanagar, Bengaluru 560 080, INDIA



# Indian Institute of Technology - Kanpur

Department of Biological Sciences and Bioengineering

Kanpur 208016, INDIA

Tel: (91) 512-259-4040

Fax: (91) 512-259-4010

Email: sganesh@iitk.ac.in

*Dr. S. Ganesh*  
*Professor of Biology*

July 16, 2018

## CERTIFICATE

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Sincerely,

(S.Ganesh)

Dr. S. Ganesh  
Professor  
Department of Biological  
Science and Bioengineering  
Indian Institute of Technology  
KANPUR-208 016 (INDIA)


Subham Mohanty  20/3/2019

Respected sir, I, subham mohanty, a BSc

Hons. Zoology second year student,



Surendra Varma 20/3/2019

to me, sanjay.va@gmail.co... 

Dear Subham

We would be happy to provide a opportunity for you to explore your interests of doing scientific research. In principal we agree to accept your internship in June 2019. We could have a telephonic conversation sometime. Please share your phone number, I will speak to you sometime. I am marking a copy of this mail to one of my colleagues to help us take your internship forward. Please specify the duration of the internship.

Regards

Surendra Varma

---

**From:** Subham Mohanty  
<[subham4415@gmail.com](mailto:subham4415@gmail.com)>

**Sent:** Wednesday, March 20, 2019 12:02 PM

**To:** Surendra Varma

**Subject:** Summer Intership 2019

[Show quoted text](#)