



SDG 17

17 PARTNERSHIPS
FOR THE GOALS



**Strengthen the means of
implementation and
revitalize the global
partnership for
sustainable development**

Relationships with regional NGOs and government for SDG policy



प्रज्वला ऑफ़ द ईयर 2023

आपको सादर प्रदान किया जाता है

सुश्री झूमा सुनुवार

प्रशस्ति पत्र

झूमा सुनुवार एक बहुत प्रभावशाली व्यक्तित्व की महिला हैं। आपका खुशमिज़ाज़ स्वभाव और प्रगतिशील विचार सभी को अपनी ओर आकर्षित करता है। आपका कभी हार न मानने वाला जज़्बा और मजबूत इच्छा शक्ति आपको दूसरों से अलग बनाते हैं। झूमा पिकिश फाउंडेशन के साथ पिछले 4 सालों से भी अधिक समय से जुड़ी हुई हैं और निरंतर अपना समर्थन प्रदान कर रही हैं। आप एसएमआईटी सिक्किम में ASTT प्रोफेसर के रूप में काम करती हैं। अनेक कठिनाइयाँ होने के बावजूद भी झूमा की जोश भरी सोच, जिसमे वे एक समृद्ध समाज की कल्पना करती है, उन्हें आगे बढ़ने के लिए प्रेरित करती है। आपका समर्पण और काम के प्रति जिम्मेदारी का भाव प्रशंसनीय है। आपके सक्षम नेतृत्व के तहत, पिकिश फाउंडेशन की सिक्किम शाखा महिलाओं और लड़कियों को MENSTRUAL HEALTH AND HYGIENE विषय पर निरंतर जागरूक करना और सैनिटरी पैड वितरण का कार्य निरंतर कर रही है। आपका निःस्वार्थ काम सिक्किम में सैकड़ों महिलाओं के जीवन में साकारात्मक बदलाव ला रहा है। झूमा, हम आपके कार्यों को सराहते हुए और पिकिश में आपके योगदान का सम्मान करते हुए आपको प्रज्वला ऑफ़ THE ईयर अवार्ड से सम्मानित करते हैं।

अनंत शुभकामनाओं सहित

Sgupta

शालिनी गुप्ता

सेक्रेटरी जनरल
पिकिश फाउंडेशन

PINKISHE
Foundation



Cross sectoral dialogue about SDGs



HEALTH AND FAMILY WELFARE DEPARTMENT
GOVERNMENT OF SIKKIM
GANGTOK, SIKKIM

No: 193 /H& FW/PDHS/2019

Dated: 10/ 09 /2019

To,

The Principal,
Nursing College, CRH,
Tadong.

Sub: Nomination of a representative to help formulate the State Action Plan for Antimicrobial Resistance Containment Programme.

Respected Sir,

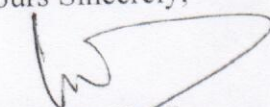
Antimicrobial Resistance has become a notional priority for the Government of India and the National Action Plan on Antimicrobial Resistance was endorsed in New Delhi on 19th April. A key feature of the National Action Plan is to strengthen the States Commitment and Collaboration on Antimicrobial Resistance (AMR).

All the states have been directed by the Ministry of Health and Family Welfare to design their State Action Plan for Containment of Antimicrobial Resistance (SAPCAR). In order to formulate the SAPCAR identification of key stakeholders is necessary.

Nursing College, CRH has been identified as important stakeholders for containment of AMR. For this purpose, kindly nominate an Officer from your department to help us with the same.

The name, email id and phone number of the persons may kindly be intimated to the undersigned at the earliest. Individual letters have been sent to the respective HODs as mentioned above.

Yours Sincerely,


Dr. Uttam Pradhan,
Principal Director-I



Consultation for Development of Sikkim SAPCAR

Organized by the Government of
Sikkim in collaboration with NCDC-
DGHS, MoHFW, Gol and USAID's IDDS project

Date: April 25-26, 2023

Venue: Hotel Denzong Regency, Gangtok

Prof. Binita Khati



SIKKIM STATE AIDS CONTROL SOCIETY

Gangtok, East Sikkim - 737 101

Department of Health & Family Welfare
Government of Sikkim

Memo No. : SSACS/P-III/502/NGO/6/2007

Date : 2/8/2022

To

The Dean
Sikkim Manipal Institute of Medical Sciences,
5th Mile, Ladang, Gangtok

Sub: - Meeting of State Steering Committee reg.

Respected,

Sir/Madam,

Greetings from Sikkim SACS,

This is to inform you that Sikkim State AIDS Control Society (SSACS) is organizing a meeting for the State Steering Committee for the discussion of the update on Programmatic Mapping & Population Size Estimation (PMPSE) exercise for the High Risk Group of population i.e. Injecting Drug Users, Commercial Sex Workers, MSM, IG etc. in the state. Therefore, in this regard you are kindly requested to depute one representative from your department/organization for the above meeting to provide your valuable suggestion and feedback please.

Date: 04/08/2022

Time: - 11:00 a. m.

Venue: SSACS Office – (PD's Chamber), New STNM Hospital Complex, Sochakgang Gangtok.

Thanking You

Yours Sincerely

K.P. Sharma

Assistant Director (TI)

K. P. Sharma
Assistant Director (TI)
Sikkim State AIDS Control Society
Gangtok, Sikkim

Dochenla to please attend
28-22



SMU SIKKIM
MANIPAL
UNIVERSITY
Established under Govt. of Sikkim, Act 9 of 1994, recognised under 2(f) of the UGC Act, 1956

International collaboration data gathering for SDG

TMA Pai University Research Seed Grant – Major

2020-21

Sanction Letter

1. The University Research Committee (URC) is pleased to offer a sanction letter of Rs.10.00 lacs (one time research grant) for the project titled “A study on the Aspects related with Latent Tuberculosis Infection among the Ethnic Races of Sikkim, India: an ALTER study (focusing on the contact groups)” for period of two years from the date of sanction.
2. Principal Investigator: *Dr. Karma G. Dolma, Ph.D., Associate Professor, Department of Microbiology, SMIMS*

Co-Investigators (Internal):

- a) *Dr. Dechen C. Tshering, MD, Professor, Department of Microbiology, SMIMS*
- b) *Dr. Rinchen Bhutia, Ph.D. Assistant Professor, Department of Biochemistry, SMIMS*
- c) *Ms. Preety Choudhary, M.Sc., Research Assistant, Department of Microbiology, SMIMS*

Co-Investigators (National): *Dr. Tseten Y. Bhutia, State TB Officer/ Additional Director, Dept of Health and Family Welfare, Govt. of Sikkim.*

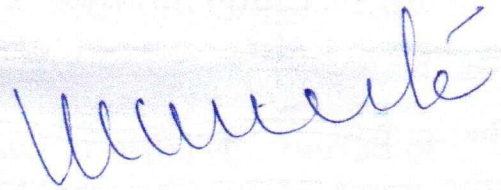
Co – Investigators (International):

- a) *Dr. Maria de Lourdes Pereira, Professor, Habilitation, CICECO-Aveiro Institute of Materials and Department of Medical Sciences, University of Aveiro, 3810-193, Aveiro, Portugal*
- b) *Dr. Chandramathi Samudi Raja, Senior Lecturer, Dept of Medical Microbiology, Faculty of Medicine, University of Malaya, Malaysia.*



c) *Dr. Tooba Mahboob, Research Assistant, Dept of Parasitology, Faculty of Medicine, University of Malaya, Malaysia.*

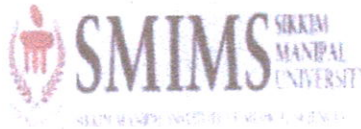
3. Principal Investigator (PI) shall regularly submit the utilization report and present the progress as laid in the SoP of SMU TMA Pai Research Fund Management.



Ref. No.: 176/SMU/REG/TMAPURF/177/2020 Vice Chancellor, SMU

Date: 30 June 2020





MEMORANDUM OF AGREEMENT

This **MEMORANDUM OF AGREEMENT** is made on by and between **Sikkim Manipal University**, acting through Department of Microbiology, Sikkim Manipal Institute of Medical Sciences, Sikkim, India, herein referred to as the "**SMU/ SMIMS**" (which expression unless included by or repugnant to the subject shall mean and include its successor-in-office and assigns) of the ONE PART

AND

Universiti Malaya, a university established under the laws of Malaysia and having an address at Lembah Pantai, 50603 Kuala Lumpur, Malaysia, hereinafter referred to as "**UM**" (which expression shall where the context so admits include its successor and permitted assigns) of the OTHER PART; whereas SMU decided to support a project submitted by Department of Microbiology, SMIMS for the attainment of the objectives, hereinafter described in Annexure I annexed hereto; This Memorandum of Agreement (MoA) defines the role and responsibility of the participating agencies, monitoring and other matters related to the fulfilling of the objectives.

NOW THE SMIMS, SMU AND UM HERETO AGREE AS FOLLOWS: -

1.0 ROLE OF SIKKIM MANIPAL UNIVERSITY, SIKKIM, INDIA

To provide funds to the extent of 10 Lakhs over a period of two (2) years from the date of sanction of the project, to Department of Microbiology, Sikkim Manipal Institute of Medical Sciences (SMIMS) for undertaking the activity as detailed in the Annexure I including travel and training for Department of Microbiology, SMIMS, Sikkim, India. Details of the funds to be provided are given in Annexure II

2.0 ROLE OF SIKKIM MANIPAL INSTITUTE OF MEDICAL SCIENCES, SIKKIM

- 2.1 To be responsible for accomplishing objectives identified and activities listed.
- 2.2 To provide their contribution of scientific and administrative support for two (2) years from the date of sanction of project.
- 2.3 To prepare and submit all periodical reports and other documents that would be required by SMU.

- 2.4 To submit an annual audited statement of expenditures incurred under the project.
- 2.5 To ensure effective utilization of the grant given by SMU for the purpose of which it was granted and to ensure timely progress of project work.

3.0 ROLE OF UNIVERSITI MALAYA (UM)

- 3.1 To provide their contribution of scientific and administrative support for two (2) years from the date of sanction of project.
- 3.2 To ensure effective utilization of the grant given by SMU for the purpose of which it was granted and to ensure timely progress of project work.
- 3.3 To provide academic collaboration in terms of supervised trainings (if required), expert reviews on papers/projects, exchange student policy (PhD). Enhancing knowledge sharing and research collaboration among academics for a fruitful result.

4.0 DURATION OF PROJECT

Duration of the project shall be two (2) years from the date of sanctioned by SMU.

5.0 SELECTION OF STAFF

No extra staff is required for the project.

6.0 RIGHTS OF OWNERSHIP/TECHNOLOGY TRANSFER AND UTILIZATION

- 6.1 "Background Intellectual Property" means any Intellectual Property owned by the Parties prior to the commencement of this Agreement and which is made available by a party or Parties to carry out the collaboration program or achieve the Intended Project Outcomes.
- 6.2 For the avoidance of doubt all Background Intellectual Property used in connection with the Project shall remain the property of the Party introducing the same. No Party will make any representation or do any act of that Party's Background Intellectual may be taken to indicate that it has any right, title or interest in or to the ownership or use of any of the Background Intellectual Property of the other parties except under the terms of this Agreement. Each Party acknowledge and confirms that nothing contained in this Agreement shall give it any right, title or interest in or to the Background Intellectual Property of the other Parties save as granted by this Agreement. The Parties agree that any improvements or modifications to a Party's Background Intellectual Property arising from the Project which are not severable from that Background Intellectual Property will be deemed to form part of that Party's Background Intellectual Property.
- 6.3 Each Party grants the other a royalty-free, non-exclusive licence for the duration of the Project to use its Background Intellectual Property for the sole purpose of carrying out the Project. No Party may grant any sub-licence over or in respect of the other's Background Intellectual Property.

- 6.4 Where any Project Intellectual Property is created or generated by two or more Parties jointly and it is impossible to segregate each Party's intellectual contribution to the creation of the Project Intellectual Property, the Project Intellectual Property will be jointly owned by those Parties in equal shares. The owners may take such steps as they may decide from time to time, to register and maintain any protection for that Project Intellectual Property, including filing and prosecuting patent applications for any Project Intellectual Property, and taking any action in respect of any alleged or actual infringement of that Project Intellectual Property. If one or more of the owners does not wish to take any such step or action, the other owner(s) may do so at their expense, and the owner not wishing to take such steps or action will provide, at the expense of the owner making the request, any assistance that is reasonably requested of it.
- 6.5 Each Party shall promptly disclose to the other(s) all Intellectual Property generated by it and each Party shall co-operate where required, in relation to the preparation and prosecution of patent applications and any other applications relating to Project Intellectual Property.
- 6.6 Each Party shall inform the other Parties promptly if it becomes aware of any infringement or potential infringement of the Background IP and/or Project Intellectual Property, and the Parties shall consult with each other to decide the best way to respond to such infringement.
- 6.7 If the Parties agree to jointly commence any infringement proceedings in respect of the Project Intellectual Property, all costs, charges and expenses of or incidental to or consequent upon such proceedings, shall be borne and paid by the Parties in proportion to their Intellectual Property share in the Project Intellectual Property, and all damages or other sums recovered in such proceedings shall also be divided among the Parties in proportion to their Intellectual Property share in the Project Intellectual Property after payment of all expenses in connection with arising out of the proceedings.
- 6.8 If any Party is unwilling to jointly participate in such infringement proceedings, such unwilling Party shall first obtain the consent of the remaining Parties ("Proceeding Parties") in the infringement proceedings, in which the said consent shall not be unreasonably withheld or delayed.
- 6.9 If such consent is given, the Proceeding Parties shall be allowed to use Party's name as co-claimant, and the Proceeding Party may at its own expense in all respects take proceedings and shall be solely entitled to all damages or other sums recovered, and to the full benefit of any judgement, but shall indemnify the other Party for any damages, costs, or penalty as may be awarded against the other Party or against the co-claimant, either jointly or severally.
- 6.10 Each Party is hereby granted an irrevocable, non-transferable, royalty-free right to use all Project Intellectual Property generated in the course of the Project for academic and research purposes.

7.0 CONFIDENTIALITY

7.1 "Confidentiality Information" means all information passing from the disclosing Party to the other Party relating to the Project including without limitation:

- (i) Financial information, business plans, reports or findings, investigative studies, consultations, methodologies, proposals, systems, programs, course content, techniques, trade secrets, drawings, know how, source and object code, arrangements and agreements with third parties, formulae, concepts not reduced to material form, designs plans and models whether given orally or in writing;
- (ii) Any derivations of any information or data which embodies, contains or describes the Confidential Information; and
- (iii) Any other data or information designated by the disclosing Party to be confidential or relating to current or prospective activities or business of the disclosing Party.

7.2 Where the data and information of this Project have been designated as Confidential Information by any of the Parties, neither Party shall not inform, announce or disclose to any third party other than its respective authorities, any data and information obtained through the implementation of this Agreement or any result of it, unless written approval is obtained from the other Party.

7.3 Where result of this Project have been designated as Confidential Information by any of the Parties, neither Party will inform, announce or disclose to any third party other than its respective authorities, any result obtained through the implementation of this Agreement, unless written approval is obtained from the other Party.

7.4 Notwithstanding the generality of the foregoing, the receiving Party shall not disclose all or any part of such Confidential Information to any third party or make any use of the same (except for the purpose of performing its obligations under this Agreement) without the prior written consent of the disclosing Party.

7.5 The receiving Party agrees to restrict access to all Confidential Information within its organization to only such information in connection with the receiving Party's obligations or otherwise obligated to keep such information confidential and are instructed to neither use nor disclose such information in a manner other than as permitted herein.

7.6 The obligations of confidentiality contained in this Agreement shall not apply to any Confidential Information which:

- (a) Has been made public by the Disclosing Party or by others with the permission of the Disclosing Party;
- (b) Is independently received from a third party who is free to disclose it,
- (c) Is in the public domain or is a compilation of material in the public domain; or

- (d) Is required to be disclosed by order of court or any applicable government authority or under any applicable law.

7.7 Upon termination of this Agreement, the Receiving Party shall, upon the request of the Disclosing Party, return all Confidential Information (including all copies thereof) to the Disclosing Party or destroy the same on Disclosing Party's instructions, within thirty (30) days after the termination or expiration of the term of this Agreement, whichever is earlier.

7.8 The obligation of confidentiality under this Agreement shall survive the expiry or earlier termination of this Agreement for a period five (5) years.

8.0 MONITORING

8.1 The progress of implementation of the project and proper utilization of grant shall be reviewed by the Monitoring Committee set up by Sikkim Manipal University (SMU).

8.2 The periodic progress of physical achievement and utilization of funds, statement of expenditure shall be evaluated by the Monitoring Committee.

8.3 The Sikkim Manipal University (SMU) may terminate the grant at any stage if it is convinced that the grant has not been properly utilized or appropriate progress has not been made. In the event, Sikkim Manipal University (SMU) terminates the grant, Department of Microbiology, Sikkim Manipal Institute of Medical Sciences (SMIMS) shall hand over all documents including technical details and equipment purchased related to the project.

9.0 TERM AND TERMINATION

9.1 This Agreement shall, shall be effective on and after the date of its signing by the authorized representatives of both Parties and remain in force for a period of five (5) years., unless sooner terminated in accordance with the provisions of this Clause ("Term"). The Parties hereto may, however, extend the Term of this Agreement for additional periods as desired under mutually agreeable terms and conditions, which the Parties shall reduce to writing and sign.

9.2 This Agreement may be terminated at any time by by serving a written notice to the other Party at least three (3) months before the date of such termination.

9.3 If due to circumstances beyond its control UM is unable to fulfill its obligations under this Agreement, UM shall notify SMU immediately.

9.4 If either Party commits a breach be remedied. If the Party committing the breach does not remedy it within 30 days then the other Party may terminate this Agreement immediately without further notice.

9.5 The Parties agree that any Party may immediately terminate this Agreement by notice in writing to the other Party in the following circumstances:

- (a) The making or filing of any application to liquidate or wind up of a Party (other than for the purpose of reconstruction or amalgamation) under any law or government regulation relating to bankruptcy or insolvency whether by third party or by the Party itself.
- (b) The appointment of a receiver or administrator over all or substantially all of the property of the Party; or
- (c) The making by the Party of assignment or attempted assignment for the benefit of its creditors.

9.6 Any termination of this Agreement pursuant to Clauses 9.4 or 9.5 shall be without prejudice to the rights of the Party terminating to seek and obtain damages for any breach of this Agreement by the other Party.

10.0 DISPUTE SETTLEMENT

If there is a dispute between the Parties then:

- (a) The Parties must discuss the dispute initially with a view to settling the dispute amicably;
- (b) If the parties fail to settle the dispute within 14 days of the dispute arising, then
- (c) The Parties must refer the dispute for meditation to a person appointed by agreement between the Parties who has at least two years' experience as a mediator;
- (d) The parties must co-operate to the extent necessary to enable the mediator to mediate the dispute within 30 days of his or her appointment;
- (e) The fees of the mediator shall be paid by the Parties in the proportion determined by the mediator;
- (f) Referral of a dispute for mediation under Clause 10 does not prevent a party from taking proceedings in court in relation to this agreement after the referral and participation under Clauses 10 (b) and (c).

11.0 GENERAL

- 11.1 No party shall assign all or any of its rights hereunder without the prior written consent of the other Party.
- 11.2 No Party shall mortgage, pledge, charge, assign by way of security or otherwise encumber any of its rights hereunder without the prior written consent of the other Party.
- 11.3 This Agreement shall be read and construed according to the laws for the time being in force in the Malaysia, and subject to Clause 11 the Parties agree to submit any dispute which may arise in relation to this Agreement to the jurisdiction of the Courts of Malaysia.

- 11.4 This Agreement may not be varied except in writing signed by the Parties.
- 11.5 Should any provision of this Agreement be held by a Court to be unlawful, invalid, and unenforceable or in conflict with any rule, statute, ordinance or regulation, the validity and enforceability of the remaining provisions shall not be thereby affected.
- 11.6 Any notice under this Agreement shall be served by hand delivery or by being forwarded by A.R. Registered post to the address of the Party shown Annexure III to such other address as may be notified in writing by the Party from time to time and in the case of service by post shall be deemed to have been received within seven (7) days after posting. Such notices may be served by facsimile provided that confirmation is served by hand or post as described in this clause.
- 11.7 No servant or agents of any Party shall by virtue of this Agreement be deemed to be employees of the other Party.
- 11.8 Each Party shall execute such agreements, deeds and documents and do or cause to be executed or done all such acts and things as shall be necessary to give effect to this Agreement.
- 11.9 In this Agreement except to the extent that the context otherwise requires:
- (a) words denoting the singular include the plural and vice versa;
 - (b) words denoting individuals or persons include bodies corporate and trusts and vice versa;
 - (c) heading are for convenience only and shall not affect interpretation;
 - (d) reference to any document or agreement includes reference to such document or agreement as amended, novated, supplemented, varied or replaced from time to time;
 - (e) words denoting any gender include all gender; and
 - (f) where any word or phrase is given a defined meaning in this Agreement any part of speech or other grammatical form in respect of such word or phrase has a corresponding meaning.
- 11.10 Neither Party shall be liable for any unforeseeable event beyond its reasonable control not caused by the fault or negligence of such Party, which causes such Party to be unable to perform its obligations under this Agreement, and which it has been unable to overcome by the exercise of due diligence. If any force majeure delays or prevents the performance of the obligations of either Party for a continuous period in excess of ninety (90) days the Party not so affected may give notice to the affected Party to terminate this Agreement specifying the date on which termination will take effect.
- 11.11 Time wherever mentioned in this Agreement shall be of the essence.

11.12 No Party shall use the name of the other Party in any advertising or other promotional material without the written permission of the other Party.

11.13 This Agreement shall be binding upon the Parties and their permitted legal assigns and successors-in-title by operation of law or otherwise.

11.14 This Agreement constitutes the entire agreement between the Parties. Any prior arrangements, agreements, representations or undertakings are hereby superseded.

12.0 COUNTERPARTS, EXECUTION

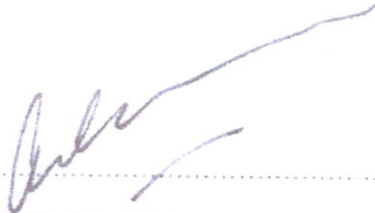
This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together shall constitute one and the same instrument. The Parties shall be entitled to rely upon delivery of an executed electronic copy of this Agreement, and such similar executed electronic copy shall be legally effective to create a valid and binding agreement between the Parties.

(THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK)

IN WITNESS THEREOF, the Parties have caused this MoU to be executed by their duly authorized representatives.

For and on behalf of

UNIVERSITI MALAYA



PROF. DR. APRIL CAMILLA ROSLANI

Dean, Faculty of Medicine

Date: 9 SEPTEMBER 2024

For and on behalf of

SIKKIM MANIPAL UNIVERSITY



DR. KARMA SONAM SHERPA

Registrar

REGISTRAR
SIKKIM MANIPAL UNIVERSITY
5TH MILE TADONG
SIKKIM 737102

Date: 16 SEPTEMBER 2021



Annexure I

- To diagnose for Latent Tuberculosis Infection (LTBI) among the contacts of tuberculosis cases (Pulmonary and Extra -Pulmonary Tuberculosis) in Sikkim using Tuberculin Skin Test (TST), Interferon Gamma Release Assay (IGRA) and RT-PCR.
- To further, evaluate for factors associated with the high-risk groups of tuberculosis patients.
- To identify the co-morbidities associated with LTBI in these cases

Project Duration: The duration of the project is two (2) years from the date of issue of sanction order.

Annexure-II**BUDGET:** Consolidated Budget (Rupees Lakhs)**Budget requirements (with detailed break-up and full justification):**

S.No.	Item	1 st Year	Total
1.	ELISA Reader	250000	250000

S.No.	Item	1 st Year	Total
1.	IGRA Kits	250000	250000
2.	RT-PCR Kits	300000	300000
3.	HBA1C, AntiCCP test, Nutritional Assessment, tuberculin syringe, etc.	100000	100000
4.	Travel, conference, Publications	100000	100000
	Total	700000	700000

Collaboration for SDG best practice

International Collaboration

Active MoU with International Institutes & Organizations:

SI No	Name of the Institutes & Organisation	Year of signing MoU
1	IARC WHO	2016-2017
2	“AUREL VLAICU” University of Arad, Romania	2017-2018
3	Backseok University(BU) Republic of Korea	2017-2018
4	College of Electrical Engineering and Computer Science (EECS), National Taipei University of Technology (Taipei Tech), Taiwan.	2017-2018
5	The university of Padova	2018-2019
6	Jan Wyżykowski University, Poland	2018-2019
7	National Taipei University of Technology	2018-2019
8	Firma Polkowski Comp Expert,Poland	2018-2019
9	National Chin-Yi University of Technology, Taiwan	2021-2022
10	Malayer University, Iran	2021-2022
11	University Malaya	2021-2022
12	Intelligent Systems Lab, Duy Tan University, Viet Nam	2022-2023

Collaboration for SDG best practice

Publication on Indexed Journal with International Collaboration

SMU incentivize faculty members who published their work in Indexed Journal considering the SDGs with International Collaboration

SI No	Authors	Source title	Volume	Issue	Art. No.	Affiliations	Document Type
1	Das P.P., Chakraborty S.	Journal of Engineering and Applied Science	69	1	35	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
2	Sharma A., Verma C., Mukhopadhyay S., Gupta A., Gupta B.	International Journal of Biological Macromolecules	216			Bioengineering Laboratory, Department of Textile and Fiber Engineering, Indian Institute of Technology, New Delhi, 110016, India; Sikkim Manipal Institute of Medical Sciences, Tadong, Gangtok, Sikkim 737102, India	Article
3	Chakraborty S., Verma P., Paudel B., Das S.	Advances in Space Research	70	3		Narula Institute of Technology, 81, Nilganj Road, Agarpara, Kolkata, 700109, India; Sikkim Manipal Institute of Technology, Sikkim, India; Discipline of Astronomy, Astrophysics and Space Engineering, Indian Institute of Technology, Khandwa Road, Simrol, Indore, 453552, India	Article
4	Misra K.P., Kumawat A., Bandopadhyay A., Modak B., Mukherjee	Materials Science and Engineering B: Solid-State	282		115761	Department of Physics, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India; Department of Physics,	Article

	S.K., Babu P.D., Kabi S., Chattopadhyay S., Misra R.D.K.	Materials for Advanced Technology				University of Gour Banga, West Bengal, Malda, 732103, India; Theoretical Chemistry Section, Chemistry Division, Bhabha Atomic Research Centre, Mumbai, 400085, India; Department of Physics, Birla Institute of Technology, Mesra, Jharkhand, Ranchi, 835215, India; UGC-DAE Consortium for Scientific Research, R5 Shed, Bhabha Atomic Research Centre, Mumbai, 400085, India; Department Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Metallurgical, Materials and Biomedical Engineering, University of Texas at El Paso, 500 W University, El Paso, TX 79968, United States	
5	Gupta S.K., Ghose T., Chatterjee K.	Electric Power Systems Research	209		108037	Electrical Engineering, IIT (ISM), Jharkhand, Dhanbad, India; Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim, India; Electrical & Electronics Engineering, BIT, Mesra, Jharkhand, Ranchi, India	Article
6	Sengupta A., Das D.K.	Sustainable Energy Technologies and Assessments	52		102123	Department of Electrical and Electronics Engineering, SMIT, Sikkim Manipal University, India; Department of Electrical and Electronics Engineering, NIT Nagaland, India	Article
7	Majumder S., Chatterjee S., Basnet P., Mukherjee J.	Journal of Molecular Liquids	358		119138	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Sikkim Institute of Science & Technology, Sikkim University, Sikkim, India; Applied	Article

						Spectroscopy & Diagnostics, Bhabha Atomic Research Centre, Mumbai, India	
8	Rai S., Bhujel R., Mondal M.K., Biswas J., Swain B.P.	Journal of Materials Science: Materials in Electronics	33	20		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Metallurgical and Materials Engineering, National Institute of Technology Durgapur, Durgapur, 713209, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Physics, National Institute of Technology, Manipur, Manipur, Langol, 795004, India	Article
9	Samanta D., Basnet P., Jha S., Chatterjee S.	Inorganic Chemistry Communications	141		109498	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Chemistry, Sikkim Institute of Science & Technology, Sikkim University, Sikkim, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
10	Barwant M., Ugale Y., Ghotekar S., Basnet P., Nguyen V.- H., Pansambal S., Ananda Murthy H.C., Sillanpaa M., Bilal M., Oza R., Karande V.	Chemical Papers	76	7		Department of Chemistry, Sanjivani Arts, Commerce and Science College, Savitribai Phule Pune University, Maharashtra, Kopargaon, 423603, India; Department of Chemistry, Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, University of Mumbai,	Article

					<p>Dadra and Nagar Haveli (UT), Silvassa, 396230, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, India; Faculty of Allied Health Sciences, Chettinad Academy of Research and Education (CARE), Tamilnadu, Kelambakkam, Chennai, 603 103, India; Department of Chemistry, Shri Saibaba College Shirdi, Savitribai Phule Pune University, Maharashtra, Shirdi, 423109, India; Department of Applied Chemistry, School of Applied Natural Sciences, Adama Science and Technology University, P.O. Box: 1888, Adama, Ethiopia; Department of Chemical Engineering, School of Mining, Metallurgy and Chemical Engineering, University of Johannesburg, P. O. Box 17011, Doornfontein, 2028, South Africa; Chemistry Department, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia; School of Life Science and Food Engineering, Huaiyin Institute of Technology, Huaian, 223003, China; Department of Chemistry, D.J.M. Commerce and B.N.S. Science College, Savitribai Phule Pune University, S.N. Arts, Maharashtra, Sangamner, 422605, India; Department of Botany, Yashwantrao Chavan Institute of Science, Maharashtra, Satara, 415001, India</p>	
11	Banerjee N., Borah S., Sethi N.	Multimedia Tools and Applications	81	17	Department of Computer Science and Engineering, GIET University, Odisha, India;	Article

						Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	
12	Koirala K., Tamang M., Shabbiruddin	Journal of Energy Storage	51		104351	Department of Electrical and Electronics Engineering, National Institute of Technology, Sikkim, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical Engineering, Government Engineering College, Banka, Department of Science and Technology, Aryabhata Knowledge University, Bihar, India	Article
13	Rai P., Ghose M.K., Kumar Deva Sarma H.	Egyptian Informatics Journal	23	2		Associate Professor, Dept of CSE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Computer Engineering & Applications, GLA University, UP, Mathura, India; Dept of IT, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
14	Ghosh T., Sil A.	Structural Design of Tall and Special Buildings	31	9	e1930	National Institute of Technology, Silchar, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Article
15	Jha S., Kumari N., Chettri B., Dey N.	ChemPhysChem	23	12		Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, India; Department of Chemistry, Birla Institute of Technology and Sciences-Pilani Hyderabad Campus, Shameerpet, Telangana, Hyderabad, 500078, India; Centre for Nano Science and Engineering, Indian Institute of Science, Karnataka, Bangalore, 560012, India	Article

16	Shanmugasundar G., Sapkota G., Čep R., Kalita K.	Processes	10	6	1172	Department of Mechanical Engineering, Sri Sairam Institute of Technology, Chennai, 600 044, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737 136, India; Department of Machining, Assembly and Engineering Metrology, Faculty of Mechanical Engineering, VSB-Technical University of Ostrava, Ostrava, 708 00, Czech Republic; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, 600 062, India	Article
17	Byahut A., Bag A.	Proceedings of the Indian National Science Academy	88	2		Department of Medical Biotechnology, Sikkim Manipal University, 5th Mile, Tadong, Sikkim, Gangtok, 737102, India	Article
18	Sengupta A., Das D.K.	Sadhana - Academy Proceedings in Engineering Sciences	47	2	78	Department of Electrical and Electronics Engineering, Sikkim Manipal University, Sikkim Manipal Institute of Technology, Gangtok, India; Department of Electrical and Electronics Engineering, National Institute of Technology Nagaland, Chumukedima, India	Article
19	Kalita K., Ghadai R.K., Chakraborty S.	Sadhana - Academy Proceedings in Engineering Sciences	47	2	57	Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article

20	Das S., Sharma B.	Silicon	14	9		Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Article
21	Dutta R., Subash T.D., Paitya N.	Silicon	14	8		Department of Electronics and Communication Engineering, Surendra Institute of Engineering & Management, MAKAUT, West Bengal734009, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim, 737136, India; Department of Electrical and Electronics Engineering, Mangalam College of Engineering, Kerala686631, India	Article
22	Dutta N., Sarma H.K.D.	Journal of Ambient Intelligence and Humanized Computing	13	6		Department of Computer Engineering, Marwadi University, Gujarat, Rajkot, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majitar, India	Article
23	Pradhan A., Koirala P., Bhandari S.S., Dutta S., García- Grau P., Sampath H., Sharma I.	Frontiers in Psychiatry	13		869647	Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India; Department of Respiratory Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India; Programa de Maestro de Educación Infantil, Universidad Católica de Valencia, Valencia, Spain	Article
24	Kumar V., Kumar V.S., Harikrishna S., Roy M.K.	AIP Conference Proceedings	2393		20198	Department of Automobile Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, India; Department of Mechanical Engineering, Sikkim	Conference Paper

						Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	
25	Mustafa Z., Kumar V., Sharief S.M., Ameen M.M.	AIP Conference Proceedings	2393		20097	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737 136, India; Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, 600 062, India	Conference Paper
26	Gautam D., Dolma K.G., Khandelwal B., Mitsuwan W., Mahboob T., Pereira M.L., Nawaz M., Wiart C., Ardebili A., Siyadatpanah A., Ehtesham H., Patra J.K., Kwanhian W., Nissapatorn V.	The Medical journal of Malaysia	77	3		Walailak University, School of Allied Health Sciences and Research Excellence Centre for Innovation and Health Products (RECIHP)Nakhon Si Thammarat, Thailand; Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences (SMIMS), Department of MicrobiologySikkim, India; Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences (SMIMS), Department of MedicineSikkim, India; University of Malaya, Faculty of Medicine, Department of Medical MicrobiologyKuala Lumpur, Malaysia; University of Aveiro, Department of Medical Sciences and CICECO- Aveiro Institute of MaterialsAveiro, Portugal; Imam Abdulrahman Bin Faisal University, Institute for Research and Medical Consultations (IRMC), Department of Nano- Medicine Research, Dammam, Saudi Arabia; School of Pharmacy, Nottingham University Malaysia CampusSelangor, Malaysia; Golestan University of Medical Sciences, Laboratory Sciences Research Center, Gorgan, Iran; Birjand	Article

						University of Medical Sciences, Ferdows School of Paramedical and Health, Birjand, Iran; Research Institute of Integrative Life Sciences, Dongguk University-Seoul, Goyang-Si, South Korea	
27	Pandey S., Saha I., Prakash O., Mukherjee T., Iqbal J., Roy A.K., Wasilewski M., Brar L.S.	Applied Sciences (Switzerland)	12	10	4904	Mechanical Engineering Department, Birla Institute of Technology, Mesra, Ranchi, 835215, India; Chemical Engineering Department, University of Calcutta, Kolkata, 700073, India; Civil and Environmental Engineering Department, Birla Institute of Technology, Mesra, Ranchi, 835215, India; Mechanical Engineering Department, Sikkim Manipal University, Majitar, Rangpo, 737136, India; Faculty of Production Engineering and Logistics, Opole University of Technology, 76 Proszkowska St, Opole, 45-758, Poland	Article
28	Sur S.N., Singh A.K., Kandar D., Silva A., Nguyen N.D.	Electronics (Switzerland)	11	9	1411	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Department of Information Technology, North Eastern Hill University, Meghalaya, Shillong, 793022, India; Instituto de Telecomunicações (IT), Departamento de Eletrónica, Telecomunicações e Informática (DETI), University of Aveiro, Aveiro, 3810-193, Portugal; Faculty of Mechanical-Electrical and Computer Engineering, School of Engineering and Technology, Van Lang University, 69/68	Review

					Dang Thuy Tram Street, Ward 13, Binh Thanh District, Ho Chi Minh City, 70000, Viet Nam		
29	Patel D.G., Kurian S.J., Miraj S.S., Rashid M., Thomas L., Rodrigues G.S., Banerjee M., Khandelwal B., Saravu K., Rao M.	Current Diabetes Reviews	18	4	Department of Pharmacy Practice, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, Karnataka, Manipal, 576104, India; Manipal Center for Infectious Diseases, Prasanna School of Public Health, Manipal Academy of Higher Education, Karnataka 576104, India; Department of Surgery, Kasturba Medical College and Hospital, Manipal Academy of Higher Education, Karnataka, Manipal, 576104, India; Department of Biochemistry, All India Institute of Medical Sciences Jodhpur, Rajasthan 342005, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; Department of Infectious Diseases, Kasturba Medical College and Hospital, Manipal Academy of Higher Education, Karnataka, Manipal, 576104, India	Review	
30	Bhuiyan C.	Sustainability Science	17	3	Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Review	
31	Singh P., Verma C., Mukhopadhyay S., Gupta A., Gupta B.	International Journal of Pharmaceutics	618		121661	Bioengineering Laboratory, Department of Textile and Fiber Engineering, Indian Institute of Technology Delhi, New Delhi, 110016, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, Tadong, Sikkim, Gangtok, 737102, India	Article
32	Panigrahi R., Borah S., Pramanik M., Bhoi A.K., Barsocchi P., Nayak S.R., Alnumay W.	Computer Communications	188			Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; AB-Tech	Article

						eResearch (ABTeR), Burla 768018, Sambalpur, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; Department of CS, King Saud University, Riyadh, Saudi Arabia	
33	Ranwa M., Nandy P.	The Journal of the Association of Physicians of India	70	4		Sikkim Manipal Institute of Medical Sciences, Gangtok, India	Article
34	Kamath D., Singh S., Kashyap S.	Visual Journal of Emergency Medicine	27		101373	Department of ENT, Sikkim Manipal Institute of Medical Sciences, Sikkim, Gangtok, India	Article
35	Sarda R.K., Sinha R., Sherpa M., Gupta A.	Journal of Neurosciences in Rural Practice	13	2		Department Of Anatomy, Sikkim Manipal Institute Of Medical Sciences, Sikkim, Gangtok, India; Department Of Neurosurgery, Jp Hospital Noida, Uttar Pradesh, Noida, India; Department Of Pathology, Sikkim Manipal Institute Of Medical Sciences, Sikkim, Gangtok, India	Article
36	Perumal M., Saravanan A., Sunooj K.V., Sinha S.K.	IEEE Transactions on Plasma Science	50	4		Department of Physics, Pondicherry University, Puducherry, 605014, India; Department of Food Science and Technology, Pondicherry University, Puducherry, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Mahjitar, Sikkim737102, India	Article
37	Chettri M., Das S.	Visual Journal of Emergency Medicine	27		101279	Associate Professor, Department of ENT Sikkim Manipal University, Sikkim, Gangtok, India; Department of ENT All India Institute of	Article

						Medical Sciences Mangalagiri, Andhra Pradesh PIN – 522503, India	
38	Kar C., Banerjee S.	Journal of the Indian Society of Remote Sensing	50	4		Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim, Majhitar, India; Department of Natural Science, Maulana Abul Kalam Azad University of Technology, West Bengal, Kolkata, India	Article
39	Dutta N., Sarma H.K.D.	Wireless Personal Communications	123	3		Computer Science and Engineering Department, SRM University, Andhra Pradesh, Guntur, 522503, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Article
40	Das P.P., Chakraborty S.	Scientia Iranica	29	2		Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
41	Guha S., Das S.	European Physical Journal Plus	137	3	363	School of Mechanical Engineering, KIIT University, Bhubaneswar, 751024, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, 737136, India	Article
42	Raina N., Pahwa R., Bhattacharya J., Paul A.K., Nissapatorn V., Pereira M.L., Oliveira	Pharmaceutics	14	3	574	Department of Pharmaceutics, Delhi Pharmaceutical Sciences and Research University, New Delhi, 110017, India; Institute of Pharmaceutical Sciences, Kurukshetra	Review

	S.M.R., Dolma K.G., Rahmatullah M., Wilairatana P., Gupta M.					University, Haryana, 136119, India; School of Biotechnology, Jawaharlal Nehru University, New Delhi, 110067, India; School of Pharmacy and Pharmacology, University of Tasmania, Hobart, 7001, Australia; School of Allied Health Sciences and World Union for Herbal Drug Discovery [WUHeDD], Walailak University, Nakhon Si Thammarat, 80160, Thailand; CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, 3810-193, Portugal; Department of Medical Sciences, University of Aveiro, Aveiro, 3810-193, Portugal; Hunter Medical Research Institute, New Lambton 2305, Australia; Department of Microbiology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, 737102, India; Department of Biotechnology & Genetic Engineering, University of Development Alternative, Lalmatia, Dhaka, 1207, Bangladesh; Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, 10400, Thailand	
43	Kumar V., Kumar A., Kumar S., Sarangi S.	Mechanical Systems and Signal Processing	166		108436	Department of Mechanical Engineering, Indian Institute of Technology Patna, Bihar, 801106, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim, 737136, India	Article
44	Maurya S.K., Sarkar S., Mondal H.K.,	Electrophoresis	43	05- Jun		Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, India;	Article

	Ohshima H., Gopmandal P.P.					Physics and Applied Mathematics Unit, Indian Statistical Institute, West Bengal, Kolkata, India; Department of Electronics and Communication Engineering, National Institute of Technology Durgapur, West Bengal, Durgapur, India; Faculty of Pharmaceutical Sciences, Tokyo University of Science, Chiba, Noda, Japan; Department of Mathematics, National Institute of Technology Durgapur, West Bengal, Durgapur, India	
45	Chatterjee S., Chakraborty S.	OPSEARCH	59	1		Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Article
46	Saha S.K., Jha A.	Bioscience Journal	38		e38014	Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Article
47	Ali M., Bardhan S., Saha S.K.	Journal of Molecular Liquids	348		118455	Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Department of Chemistry, University of North Bengal, Darjeeling, India	Article
48	Rai S., Bhujel R., Mondal M.K., Swain B.P., Biswas J.	Materials Advances	3	6		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar East Sikkim 737136, India; Department of Metallurgical and Materials Engineering, National Institute of Technology Durgapur, Durgapur, 713209, India; Department of Physics, National Institute of Technology,	Article

						Manipur, Langol Manipur795004, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim Majhitar737136, India	
49	Chakraborty S., Pradhan R., Dey N., Crespo R.G., Tavares J.M.R.S.	ScienceAsia	48			Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim, 737136, India; Department of Computer Science and Engineering, JIS University, West Bengal, Kolkata, 700109, India; Universidad Internacional de La Rioja, Logroño, 26006, Spain; Instituto de Ciência e Inovação em Engenharia Mecânica e Engenharia Industrial, Departamento de Engenharia Mecânica, Faculdade de Engenharia, Universidade do Porto, Porto, 4200-465, Portugal	Article
50	Sangkanu S., Mitsuwan W., Mahboob T., Mahabusarakam W., Chewchanwuttiwong S., Siphakdi P., Jimoh T.O., Wilairatana P., Dolma K.G., Pereira M.D.L., Rahmatullah M., Wiart C., Norouzi R., Siyadatpanah A., Mutombo P.N., Nissapatorn V.	Acta Tropica	226		106266	(SEA Water Team), World Union for Herbal Drug Discovery (WUHeDD), Research Excellence Center for Innovation and Health Products (RECIHP), Walailak University, Nakhon Si Thammarat, Thailand; Akkhraratchumari Veterinary College, Walailak University, Nakhon Si Thammarat, Thailand; Division of Physical Science, Faculty of Science, Graduate School, Prince of Songkla University, Songkhla, 90110, Thailand; Faculty of Science and Industrial Technology, Prince of Songkla University, Surat Thani Campus, Makhamae, Surat Thani, Muang, Thailand; Department of Pharmacognosy and Pharmaceutical Botany, Faculty of Pharmaceutical Sciences,	Article

					Chulalongkorn University, Bangkok, Thailand; Department of Biochemistry, Faculty of Health Sciences, Islamic University in Uganda, P. O. Box 7689, Kampala, Uganda; Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand; Department of Microbiology, Sikkim Manipal Institute of Medical Sciences Sikkim, India; Department of Medical Sciences, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal; Department of Biotechnology & Genetic Engineering, University of Development Alternative, Lalmatia, Dhaka, Bangladesh; Institute for Tropical Biology & Conservation, University Malaysia Sabah, Malaysia; Department of Pathobiology, Faculty of Veterinary Medicine, University of Tabriz, Tabriz, Iran; Ferdows School of Paramedical and Health, Birjand University of Medical Sciences, Birjand, Iran; National Centre for Naturopathic Medicine, Faculty of Health Sciences, Southern	
51	Tamang S., Thapa A., Chettri K., Datta B., Biswas J.	Journal of Computational Electronics	21	1	Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East, Sikkim, Majitar, 737136, India; Department of Chemistry, Amity Institute of Applied Science, Amity University, Kolkata, 700156, India	Article

52	Lucksom P.G., Sherpa M.L., Pradhan A., Lal S., Gupta C.	Journal of Obstetrics and Gynecology of India	72	1		Department of OBG, Sikkim Manipal Institute of Medical Sciences, 5th Mile Tadong, Sikkim, Gangtok, India; Department of Biochemistry, Sikkim Manipal Institute of Medical Sciences, Gangtok, India	Review
53	Jaiswal S., Dey R., Bag A.	National Academy Science Letters	45	1		Department of Medical Biotechnology, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; Department of Physiology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Article
54	Sharma A., Verma C., Mukhopadhyay S., Gupta A., Gupta B.	ACS Applied Nano Materials				Bioengineering Laboratory, Department of Textile and Fiber Engineering, Indian Institute of Technology, New Delhi, 110016, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, Tadong, Sikkim, Gangtok, 737102, India	Article
55	Padhi D.K., Padhy N., Bhoi A.K., Shafi J., Yesuf S.H.	Computational intelligence and neuroscience	2022			School of Engineering and Technology, Department of Computer Science and Engineering, GIET University, Gunupur, India; KIET Group of Institutions, Delhi NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Gangtok, Sikkim 737102, India; AB-Tech eResearch (ABTeR), Sambalpur, Burla 768018, India; Department of Computer Science, Prince Sattam Bin Abdulaziz University, College of Arts and Science, Saudi Arabia; Department of Computer Science, College of Informatics, University of Gondar, Gondar, Ethiopia	Article

56	Saha S.K., Saha S.	Handbook of Research on Developing Circular, Digital, and Green Economies in Asia				Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Book Chapter
57	Saha S., Saha S.K., Pandey J.R., Jha A.	Handbook of Research on Developing Circular, Digital, and Green Economies in Asia				Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Book Chapter
58	Nagarajan G., Minu R.I., Borah S., Mishra D.	Lecture Notes in Electrical Engineering	860			Sathyabama Institute of Science and Technology, Chennai, India; SRM Institute of Science and Technology, Kattankulathur, India; Sikkim Manipal Institute of Technology, University, Sikkim, India; ITER, Siksha 'O' Anusandhan University, Bhubaneswar, India	Conference Paper
59	Mallick P.K., Bhoi A.K., González-Briones A., Pattnaik P.K.	Lecture Notes in Electrical Engineering	860			School of Computer Engineering, Kalinga Institute of Industrial Technology(KIIT) Deemed to be University, Odisha, Bhubaneswar, India; KIET Group of Institutions Delhi-NCR Ghaziabad, India Directorate of Research Sikkim Manipal University, Sikkim, Gangtok, India; Research on Agent based, Social and Interdisciplinary Applications (GRASIA), Complutense University of Madrid, Madrid, Spain	Editorial

60	Biswas A.S., Sil S., Bera R., Mitra M.	Arabian Journal for Science and Engineering				Department of Electronics and Telecommunication, IEST, Shibpur, Botanical Garden Road, West Bengal, Howrah, 7111103, India; Department of Electronics and Communication Engineering, Calcutta Institute of Engineering and Management, 24/1A Chandi Ghosh Road, Tollygunge, West Bengal, Kolkata, 700040, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, East Sikkim, 737136, India	Article
61	Mishra S., González- Briones A., Bhoi A.K., Mallick P.K., Corchado J.M.	Studies in Computational Intelligence	1021			School of Computer Engineering, Kalinga Institute of Industrial Technology, Odisha, Bhubaneswar, India; Grupo de Investigación BISITE Departamento de Informática y Automática, Facultad de Ciencias University of Salamanca, Instituto de Investigación Biomédica de Salamanca, Salamanca, Spain; KIET Group of Institutions Ghaziabad, Delhi- NCR, India Directorate of Research Sikkim Manipal University, Sikkim, Gangtok, India; IoT Digital Innovation Hub (Spain), Air Institute, Salamanca, Spain; Osaka Institute of Technology, Osaka, Japan; Universiti Malaysia Kelantan, Kelantan, Kota Bharu, Malaysia	Editorial
62	Roy R., Sarkar S.	Materials Today: Proceedings				Department of ECE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article

63	Vinod Ramchandra M., Kumar K., Sarkar A., Kr. Mukherjee S., Agarwal K.	Materials Today: Proceedings				Professor & Head, Sanjivani College of Engineering, Department of MBA, Kopargaon, Affiliated to SP Pune University, Kopargaon, 423601, India; Research Scholar, Dept of Commerce, Central University of Haryana, Haryana, 123029, India; Assistant Professor, Dept. of Management Studies, Sikkim Manipal Institute of Technology, (Sikkim Manipal University), Majitar (Rongpo), 737136, India; Assistant Professor, Dept. of Management Studies, Sikkim Manipal Institute of Technology, (Sikkim Manipal University), Majitar (Rongpo), 737136, India; Director (MBA, PGDM), ITERC, Duhai Road, GZB (Delhi-NCR), Delhi, 110096, India	Article
64	Dugar T.K., Gowtham S., Chakraborty U.K.	Research Notes on Computing and Communication Sciences: Applied Soft Computing: Techniques and Applications				Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter
65	Borah S., Panigrahi R.	Research Notes on Computing and Communication Sciences: Applied Soft Computing: Techniques and Applications				Borah Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University (SMU), East Sikkim, Majhitar, 737136, India; Department of Computer Applications, Sikkim Manipal University (SMU), Sikkim, India	Book

66	Mihir, Agarwal C., Agarwal S., Chakraborty U.K.	Research Notes on Computing and Communication Sciences: Applied Soft Computing: Techniques and Applications				Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter
67	Hazarika R.A., Maji A.K., Sur S.N., Olariu I., Kandar D.	Journal of Intelligent and Fuzzy Systems	43	2		Department of Information Technology, North Eastern Hill University Shillong, Meghalaya, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, East Sikkim, Majitar, India; Faculty of Medicine, Vasile Goldis Western University of Arad, Arad, Romania	Article
68	Biswas A., Dey B., Poudyel B., Sarkar N., Olariu T.	Journal of Intelligent and Fuzzy Systems	43	2		Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Vasile Goldis Western University of Arad, Arad, Romania	Article
69	Sivakumar S., Vidyanandini S., Sreedevi E., Nayak S.R., Bhoi A.K.	Lecture Notes in Networks and Systems	375			Department of Computer Applications, SRM Institute of Science and Technology, SRM Nagar, Tamil Nadu, Kattankulathur, 603203, India; Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur, 603203, India; Department of Computer Science and Engineering, Koneru	Conference Paper

						Lakshmaiah Education Foundation, K L University, Vaddeswaram, Guntur, 522502, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	
70	Borah S., Aliliele K.C., Rakshit S., Vajjhala N.R.	Lecture Notes in Networks and Systems	375			Sikkim Manipal Institute of Technology, Majhitar, India; American University of Nigeria, Yola, Nigeria; University of New York Tirana, Tirana, Albania	Conference Paper
71	Sarangi P.K., Sahoo A.K., Kaur G., Nayak S.R., Bhoi A.K.	Lecture Notes in Networks and Systems	375			Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, India; Graphic Era Hill University, Dehradun, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper
72	Sivakumar S., Vidyanandini S., Sreedevi E., Nayak S.R., Bhoi A.K.	Lecture Notes in Networks and Systems	375			Department of Computer Applications, SRM Institute of Science and Technology, SRM Nagar, Tamil Nadu, Kattankulathur, 603203, India; Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur, 603203, India; Department of Computer Science and Engineering, Koneru Lakshmaiah Education Foundation, K L University, Vaddeswaram, Guntur, 522502,	Conference Paper

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73	Kislay A., Singh P., Shankar A., Nayak S.R., Bhoi A.K.	Lecture Notes in Networks and Systems	375			Amity School of Engineering & Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi- NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper
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						Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	
77	Singh A., Jha A., Purbey S., Ravi P.	Journal of Integrated Care				MBA (Hospital and Healthcare Management), Symbiosis Institute of Health Sciences, A Constituent of Symbiosis International (Deemed University), Pune, India; Department of Management Studies, Sikkim Manipal Institute of Technology, Majhitar, India; Department of Management Studies, Development Management Institute, Patna, India; Manipal Hospital, Pune, India	Article
78	Sarkar S., Chettri S., Bomzon U.	Materials Today: Proceedings	60			Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India	Article
79	Bhattacharya S., Borah S., Mishra B.K., Mondal A.	Multimedia Tools and Applications				School of Computer Engineering (SOCE), GIET University, Gunupur, India; Department of Computer Applications, SMIT, Sikkim Manipal University, Sikkim, Rangpo, India; Department of Information Technology, Techno India College of Technology, Kolkata, India	Article
80	Saha S.K., Adhikary A., Jha A., Mehta V.K.	International Journal of Reliable and Quality E-Healthcare	11	1		Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, India	Article
81	Bevelander P., Hollifield J.F.	Handbook on Migration and Welfare				Department of Global Political Studies, Sweden; Malmö Institute of Studies of Migration, Diversity and Welfare, Malmö University, Sweden; Tower Center, SMU, India; Wilson Center, United States	Book Chapter

82	Pradhan B., Abdikian A., Saha A.	Waves in Random and Complex Media				Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East-Sikkim, Rangpo, India; Department of Physics, Malayer University, Malayer, Iran	Article	
83	Datta D., Mallick P.K., Bhoi A.K., Ijaz M.F., Shafi J., Choi J.	Computational Intelligence and Neuroscience	2022		3854635	School of Computer Engineering, Kalinga Institute of Industrial Technology, Deemed to Be University, Bhubaneswar, 751024, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; AB-Tech EResearch (ABTeR), Burla, Sambalpur, 768018, India; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea; Department of Computer Science, College of Arts and Science, Prince Sattam Bin Abdul Aziz University, Wadi Ad-Dawasir11991, Saudi Arabia; School of Computing, Gachon University, Seongnam-si, 13120, South Korea	Review	
84	Paul P., Biswas J., Chattopadhyay S., Kabi S.	Materials Today: Proceedings				58	Department of Physics, Sikkim Manipal Institute of Technology, SMU, Sikkim737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, SMU, Sikkim737136, India; Department of Physics, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India	Article

85	Das A.	Materials Today: Proceedings	58			Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majhitar, 737136, India	Article
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87	Ghosh A., Pal H., Das T., Chatterjee S., Das A.	Materials Today: Proceedings	58			Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Electronics and Communication, National Institute of Technology, Durgapur, 713209, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Article
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90	Kumari P., Sharma A., Kumawat A., Samanta S., Misra K.P., Rao A., Kabi S., Chattopadhyay S.	Materials Today: Proceedings	58			Department of Chemistry, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India; Department of Physics, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India; Department of Physics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, 576104, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article
91	R. Velingkar K., Ramachandra P., V Pai M., Krishna Rao B.	Physiotherapy Theory and Practice				Department of Physiotherapy, Manipal College of Health Professions, Manipal Academy of Higher Education, Manipal, India; Department of Obstetrics and Gynecology, Sikkim Manipal Institute of Medical Sciences, Gangtok, India	Article
92	Chakrabarty S., Islam R., Pricop E., Sarma H.K.D.	IEEE Access	10			Sikkim Manipal Institute of Technology, Department of Information Technology, Rangpo, Sikkim, 737136, India; Cloud Shine Global LLP, Assam, Guwahati, 781028, India; Petroleum- Gas University of Ploiesti, Department of Control Engineering, Computers	Article

						and Electronics, Ploiesti, 100680, Romania; SRM University Andhra Pradesh (SRM AP), Department of Computer Science and Engineering, Amaravati, 522502, India	
93	Pal H., Mahapatra R., Datta S., Chatterjee S.	Materials and Manufacturing Processes				Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; Department of Electronics and Communication, National Institute of Technology, Durgapur, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Article
94	Sarkar P., Gurung S., De S.	Smart Innovation, Systems and Technologies	267			Sikkim Manipal Institute of Technology, SMU, Majitar, India; Coochbehar Government Engineering College, Cooch Behar, India	Conference Paper
95	Deka U., Pradhan B.	Materials Today: Proceedings	58			Department of Physics, Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, Manipal, India; Department of Physics, Sikkim Govt. Science College Chakung, Sikkim university, Sikkim-737121, Soreng, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majhitar, 737136, India	Article
96	Kothandaraman D., Manickam M., Balasundaram A., Pradeep D., Arulmurugan A.,	Intelligent Automation and Soft Computing	34	1		School of Computer Science and Artificial Intelligence, SR University, Telangana, Warangal, 506371, India; Department of Networking and Communications, SRM Institute of Science and Technology,	Article

	Sivaraman A.K., Rani S., Dey B., Balakrishna R.					Kattankulathur Tamil Nadu, Chennai, 603203, India; School of Computer Science and Engineering, Center for Cyber Physical Systems, Vellore Institute of Technology (VIT), Tamil Nadu, Chennai, 600127, India; Department of Computer Science and Engineering, M. Kumarasamy College of Engineering, Tamil Nadu, Karur, 639113, India; Department of Computer Science and Engineering, Vignan's Foundation for Science, Technology & Research, Andhra Pradesh, Guntur, 522213, India; School of Computer Science and Engineering, Vellore Institute of Technology (VIT), Tamil Nadu, Chennai, 600127, India; Department of Computer Science and Engineering, Gulzar Group of Institutions, Punjab, Khanna, 141401, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Computer science and Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Tamil Nadu, Chennai, 600117, India	
97	Minu R.I., Nagarajan G., Borah S., Mishra D.	Smart Innovation, Systems and Technologies	286			SRM Institute of Science and Technology, Tamilnadu, Kattankulathur, India; Sathyabama Institute of Science and Technology, Tamilnadu, Chennai, India; Sikkim Manipal Institute of Technology, Sikkim Manipal	Conference Paper

						University, Sikkim, India; ITER, Siksha 'O' Anusandhan University, Bhubaneswar, India	
98	Saravanan T.R., Nagarajan G., Minu R.I., Borah S., Mishra D.	Smart Innovation, Systems and Technologies	286			SRM Institute of Science and Technology, Chennai, India; Sathyabama Institute of Science and Technology, Chennai, India; Sikkim Manipal University, Gangtok, India	Conference Paper
99	Nagarajan G., Minu R.I., Saravanan T.R., Borah S., Mishra D.	Smart Innovation, Systems and Technologies	286			Sathyabama Institute of Science and Technology, Tamilnadu, Chennai, India; SRM Institute of Science and Technology, Tamilnadu, Kattankulathur, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; ITER, Siksha 'O' Anusandhan University, Bhubaneswar, India	Conference Paper
100	Sapkota G., Das S., Sharma A., Kumar Ghadai R.	Materials Today: Proceedings	58			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Sikkim State University, Tadong, Gangtok, 737102, India	Article
101	Pal H., Ghosh A., Chatterjee S., Mahapatra R.	Materials Today: Proceedings	58			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim737136, India; Department of Electronics and Communication, National Institute of Technology, Durgapur, 713209, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim737136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal	Article

						Institute of Technology, Sikkim Manipal University, Sikkim737136, India	
102	Pradhan P., Shabbiruddin, Pradhan S.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	44	2		Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical Engineering, Government Engineering College, Banka, , Department of Science and Technology, Aryabhata Knowledge University, Bihar, India; Vendor Management, COTIVITI, Kathmandu, Nepal	Article
103	Kalita K., Ghadai R.K., Bansod A.	International Journal of Applied Metaheuristic Computing	13	1		Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India; Sikkim Manipal Institute of Technology, Sikkim, India	Article
104	Sarkar P., De S., Gurung S.	Studies in Computational Intelligence	1029			Sikkim Manipal Institute of Technology, SMU, Rangpo, India; Cooch Behar Government Engineering College, Cooch Behar, India	Book Chapter
105	Ghatak S., Battacharjee D.	Multimedia Tools and Applications				Sikkim Manipal Institute of Technology, Staff Quater L-304, Majitar, Rangpo, East Sikkim, India; Jadavpur University, 188, Raja S.C. Mallick Rd, West Bengal, Kolkata, 700032, India	Article
106	Das P.P., Tiwary A.P., Chakraborty S.	International Journal on Interactive Design and Manufacturing				Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
107	Digal G., Atungbou N.	Contemporary Voice of Dalit				Council for Social Development, Hyderabad, Telangana, Rajendranagar, India; Department	Article

						of Humanities and Social Sciences, Sikkim Manipal University, Sikkim, Gangtok, India	
108	Das S.K., Chettri B., Chettri P., Deka U., Mukherjee V., Sharma B.	Materials Today: Proceedings				Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, Sikkim737136, India; Department of Physics, Manipal Institute of Technology, MAHE, Karnataka, Bengaluru, 560064, India; Department of Physics, NIT Durgapur, West Bengal713209, India; Department Electronics and Communication Engg, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, Sikkim737136, India	Article
109	Roy R., Sarkar S., Dhar S.	IETE Journal of Research				Department of ECE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Article
110	Awotunde J.B., Oluwabukonla S., Chakraborty C., Bhoi A.K., Ajamu G.J.	International Series in Operations Research and Management Science	320			Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Mathematical Sciences, Olabisi Onabanjo University, Ago-Iwoye, Nigeria; Department of Computer Science and Engineering, Birla Institute of Technology, Jharkhand, Mesra, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, Majitar, India; Department Agricultural Extension and Rural Development, Landmark University, Omu-Aran, Nigeria	Book Chapter

111	Hazarika R.A., Maji A.K., Syiem R., Sur S.N., Kandar D.	Journal of Digital Imaging				Department of Information Technology, North Eastern Hill University, Meghalaya, Shillong, 793022, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article
112	Das S., Chattopadhyay A., Tewari S.	Silicon				Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, East Sikkim, 737136, India; Institute of Radio Physics and Electronics, University of Calcutta, West Bengal, Kolkata, 700009, India	Article
113	Natiq H., Saha A.	European Physical Journal: Special Topics				Information Technology Collage, Imam Ja'afar Al-Sadiq University, Baghdad, Iraq; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, Gangtok, 737136, India	Article
114	Kiran S., Poudyal A., Pradhan S., Gautom M.	Lecture Notes in Civil Engineering	205			Sikkim Manipal Institute of Technology, Sikkim, Majhitar, India	Conference Paper
115	Sharma R.K., Kumar R., Pradhan P., Sharma A.	Springer Climate				Department of Environmental Science, School of Basic Sciences and Research, Sharda University, Uttar Pradesh, Greater Noida, India; Department of Environmental Science, School of Earth Sciences, Central University of Rajasthan, Rajasthan, Ajmer, India; Sikkim State Council of Science and Technology, Vigyan Bhawan, Sikkim, Gangtok, Deorali, India; Department of Computer Applications,	Book Chapter

					Sikkim Manipal Institute of Technology, Sikkim, Majitar, India	
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118	Borah S., Mishra S.K., Mishra B.K., Balas V.E., Polkowski Z.	Lecture Notes on Data Engineering and Communications Technologies	86		Sikkim Manipal University Majhitar, Sikkim, Rangpo, India; GIET University, Odisha, Gunupur, India; Jan Wyzykowski University, Polkowice, Poland; Gandhi Institute for Education and Technology, Odisha, Bhubaneswar, India; Department of Automatics and Applied Software, Aurel Vlaicu University, Arad, Romania	Editorial
119	Mishra J.P., Polkowski Z., Mishra S.K., Borah S.	Lecture Notes on Data Engineering and Communications Technologies	86		Gandhi Institute for Education and Technology, Affiliated to Biju Patnaik University of Technology, Rourkela, Baniatangi, Bhubaneswar, India; Wroclaw University of Economics and Business, Wroclaw, Poland; Sikkim Manipal Institute of Technology, East Sikkim, Majitar, India	Book Chapter

120	Borah S., Singh N.K., Yolmo P.U., Kumar R., Panigrahi R.	Lecture Notes on Data Engineering and Communications Technologies	86			Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter
121	Ray J.K., Biswas A.S., Sil S., Bera R., Shome S., Biswas P., Mitra M.	Innovations in Systems and Software Engineering				Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, East Sikkim, 737136, India; Department of Electronics and Telecommunication, IEST, Shibpur, Botanical Garden Road, West Bengal, Howrah, 7111103, India; Department of Electronics and Communication Engineering, Calcutta Institute of Engineering and Management, 24/1A Chandi Ghosh Road, Tollygunge, West Bengal, Kolkata, 700040, India; Department of Electronics and Communication Engineering, St. Mary's Technical Campus Kolkata, Ichapur Nilgunge Gram Panchayat, Barasat, West Bengal, Kolkata, 700126, India	Article
122	Kumar H., Kumar G., Singh S., Paul S.	Smart Innovation, Systems and Technologies	269			Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, India	Conference Paper
123	Passah A., Sur S.N., Paul B., Kandar D.	IEEE Access	10			Department of Information Technology, North-Eastern Hill University, Meghalaya, Shillong, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal	Article

						University, Sikkim, Rangpo, India; Institute for Intelligent Systems, University of Johannesburg, Johannesburg, South Africa	
124	Islam H., Das S., Ali T., Bose T., Kumari S., Prakash O., Kumar P.	IEEE Access	10			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electronics and Communication, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India; Department of Electronics Engineering, University Polytechnic, Birla Institute of Technology, Jharkhand, India; ECE Department, Sri Venkateswara College of Engineering and Technology, Andhra Pradesh, India; Discipline of Electrical, Electronic and Computer Engineering, University of KwaZulu-Natal, Durban, South Africa	Article
125	Das S., Sharma B.	Silicon				Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, PIN 737136, India	Article
126	Zaman G.S., Al-Saleem Alshahrani S.A.S., Laskar N.B., Hadadi I., Alelyani M., Adam M., Babiker M.,	International Journal of General Medicine	15			Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, King Khalid University, Abha, Saudi Arabia; Family & Community Department, College of Medicine, King Khalid University, Abha, Saudi Arabia; Department of Community Medicine, Sikkim	Article

	Musa M.J., Barua P., Mohammed M.E.A.					Manipal Institute of Medical Sciences, Sikkim, India; Department of Radiological Sciences, College of Applied Medical Sciences, King Khalid University, Abha, Saudi Arabia; Department of Clinical Biochemistry, College of Medicine, King Khalid University, Abha, Saudi Arabia; Department of Radiology, College of Applied Medical Sciences, Jeddah University, Jeddah, Saudi Arabia; Department of Statistics, J.B. College, Assam, Jorhat, India; Department of Chemistry, Faculty of Science, King Khalid University, Abha, Saudi Arabia	
127	Pramanik M., Pradhan R., Nandy P., Bhoi A.K., Barsocchi P.	Journal of Ambient Intelligence and Humanized Computing				Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Department of Computer Engineering, Sikkim Institute of Science and Technology, South Sikkim, Jorethang, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; AB-Tech eResearch (ABTeR), Burla, Sambalpur, 768018, India	Article

128	Roy G., Bhoi A.K., Das S., Bhaumik S.	Signal, Image and Video Processing				Department of Aerospace Engineering and Applied Mechanics, Indian Institute of Engineering Science and Technology, Shibpur, West Bengal, Howrah, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, Gangtok, India; School of Mechatronics and Robotics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, India; Department of Aerospace Engineering and Applied Mechanics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, India; Department of Instrumentation Engineering, Central Institute of Technology, Assam, Kokrajhar, India	Article
129	Das P.P., Chakraborty S.	International Journal on Interactive Design and Manufacturing				Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
130	Subba R., Shabbiruddin	International Journal of Management Science and Engineering Management				Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Article

131	Lama P., Tewari J., Adams M.A., Maitre C.L.	Histology and Histopathology	37	1		Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, India; Centre for Clinical Anatomy, University of Bristol, United Kingdom; Biomolecular Science Research Centre, Sheffield Hallam University, United Kingdom	Article
132	Shabbiruddin, Kanwar N., Jadoun V.K., Alotaibi M.A., Malik H., Nassar M.E.	Energies	15	1	58	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, 737136, India; Department of Electrical Engineering, Manipal University Jaipur, Jaipur, 303007, India; Department of Electrical & Electronics Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, 576104, India; Department of Electrical Engineering, College of Engineering, King Saud University, Riyadh, 11421, Saudi Arabia; BEARS, NUS Campus, University Town, Singapore, 138602, Singapore; Department of Electrical and Computer Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada	Article
133	Handique M., Prasad A., Sarma H.K.D.	Lecture Notes in Networks and Systems	281			Assam University, Assam, Silchar, 788011, India; Sikkim Manipal Institute of Technology, Sikkim, Rangpo, 737136, India	Conference Paper
134	Chavan N., Ranjan P., Kumar U., Shrivastav K.D., Sarma H.K.D., Janardhanan R.	Lecture Notes in Networks and Systems	281			Health Data Analytics & Visualization Environment, Amity Institute of Public Health, Amity University Uttar Pradesh, Sector 125, Noida, India; SRM University, Neerukonda, Mangalagiri Mandal Guntur District, Andhra	Conference Paper

						Pradesh, Mangalagiri, 522502, India; Delhi State Cancer Institute, Dilshad Garden, Delhi, India; Department of Information Technology, Sikkim Manipal Institute of Technology, East Sikkim, Majitar, 737136, India; Laboratory of Disease Dynamics & Molecular Epidemiology, Amity Institute of Public Health, Amity University Uttar Pradesh, Sector 125, Noida, India	
135	Pradhan P.K., Baruah U.	Lecture Notes in Networks and Systems	281			Centre for Computers and Communication Technology, South Sikkim, Chisopani, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, India	Conference Paper
136	Mohanty S., Anand R., Dutta A., Kumar V., Kumar U., Islam M.R.	Lecture Notes in Networks and Systems	281			Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Conference Paper
137	Dhakal D., Rathor M., Dey S., Dey P., Sharma K.	Lecture Notes in Networks and Systems	281			Sikkim Manipal Institute of Technology, Sikkim, Majitar, Rangpo, India	Conference Paper
138	Dey A.J., Sarma H.K.D.	Lecture Notes in Networks and Systems	281			Technology Specialist, NIIT Technologies Ltd, Noida, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majitar, India	Conference Paper
139	Subba T., Chingtham T.S.	Lecture Notes in Networks and Systems	281			Department of CSE, Sikkim Manipal Institute of Technology, SMU, Sikkim, Majitar, India	Conference Paper

140	Borah N., Baruah U.	Lecture Notes in Networks and Systems	281			Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India	Conference Paper
141	Sharma A., Islam M.R., Ningombam D.	Lecture Notes in Networks and Systems	281			Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Conference Paper
142	Sapkota K., Shabbiruddin, Sherpa K.S.	Lecture Notes in Networks and Systems	281			Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Sikkim Manipal University, Sikkim, Gangtok, India	Conference Paper
143	Sarma H.K.D.	Lecture Notes in Networks and Systems	281			Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Conference Paper
144	Jha A., Banerjee P., Jha A.	Lecture Notes in Networks and Systems	281			Department of CSE, SMIT, SMU, Sikkim, Majitar, 737136, India; Department of Management Studies, SMIT, SMU, Majitar, 737136, India	Conference Paper
145	Adarsh A., Tamang T.L., Pradhan P., Singh V.K., Sen B., Sharma K.	Lecture Notes in Networks and Systems	281			Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Bangalore, India; Department of Computer Science & Engineering, VMWARE Technologies Bangalore, Bangalore, India	Conference Paper
146	Ningthoujam C., Chingtham T.S.	Lecture Notes in Networks and Systems	281			Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India	Conference Paper

147	Raju R.S., Gurung S., Rai P.	Lecture Notes in Networks and Systems	281			Sikkim Manipal Institute of Technology, Sikkim, Majitar, India	Conference Paper
148	Mohapatra S., Goswami A., Singh A., Singh V.K., Sen B., Sharma K.	Lecture Notes in Networks and Systems	281			Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
149	Abiodun M.K., Adeniyi E.A., Awotunde J.B., Bhoi A.K., AbdulRaheem M., Oladipo I.D.	EAI/Springer Innovations in Communication and Computing				Department of Computer Science, Landmark University, Omu- Aran, Nigeria; Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India	Book Chapter
150	Nguyen M.-S.V., Sur S.N., Do D.-T.	EAI/Springer Innovations in Communication and Computing				Faculty of Electronics Technology, Industrial University of Ho Chi Minh City (IUH), Ho Chi Minh City, Viet Nam; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Computer Science and Information Engineering, Asia University, Taichung, Taiwan	Book Chapter
151	Oladipo I.D., AbdulRaheem M., Awotunde J.B., Bhoi A.K., Adeniyi E.A., Abiodun M.K.	EAI/Springer Innovations in Communication and Computing				Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Computer Science, Landmark University, Omu-Aran, Nigeria	Book Chapter

152	Nguyen M.-S.V., Sur S.N., Do D.-T.	EAI/Springer Innovations in Communication and Computing				Faculty of Electronics Technology, Industrial University of Ho Chi Minh City (IUH), Ho Chi Minh City, Viet Nam; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Computer Science and Information Engineering, Asia University, Taichung, Taiwan	Book Chapter
153	Kumari R., Pandit M., Sherpa K.S.	Australian Journal of Electrical and Electronics Engineering	19	1		Sikkim Manipal Institute Of Technology, Majhitar, India; Sikkim Manipal Institute Of Technology, Majhitar, India; Sikkim Manipal University, Gangtok, India	Article
154	Sur S.N., Balas V.E., Bhoi A.K., Nayyar A.	EAI/Springer Innovations in Communication and Computing				Department of Electronics and Communication Engineering, Sikkim Manipal Institute of, Technology Sikkim Manipal University, Sikkim, Majitar, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Automatics and Applied Software, Faculty of Engineering, Aurel Vlaicu University of Arad, Arad, Romania; Faculty of Information Technology, Duy Tan University, Da Nang, Viet Nam	Editorial
155	Dahal P., Sharma G.P., Patil S.	Lecture Notes in Civil Engineering	188			Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, 737136, India; Manipal School of Architecture and Planning, Manipal Academy of Higher Education, Manipal, 576104, India	Conference Paper

156	Borah S.	International Journal of Biometrics	14	1		Department of Computer Applications, Sikkim Manipal University, Sikkim, 737136, India	Editorial
157	Arunachalam P., Janakiraman N., Sivaraman A.K., Balasundaram A., Vincent R., Rani S., Dey B., Muralidhar A., Rajesh M.	Intelligent Automation and Soft Computing	32	2		Department of Electronics and Communication, K.L.N. College of Engineering, Madurai, 630612, India; School of Computer Science and Engineering, Vellore Institute of Technology (VIT), Chennai, 600127, India; School of Computer Science and Engineering, Centre for Cyber Physical Systems, Vellore Institute of Technology (VIT), Chennai, 600127, India; Department of Computer Science and Engineering, Gulzar Group of Institutions, Khanna, 141401, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Article
158	Toppo B., Oraon M., Roy M.K.	Lecture Notes in Mechanical Engineering				Sikkim Manipal Institute of Technology, Majitar, East Sikkim, 737136, India; Birla Institute of Technology, Mesra, Ranchi, 835215, India	Conference Paper
159	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics	Book Chapter

						Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	
160	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
161	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
162	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of	Book Chapter

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163	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
164	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics	Book Chapter

						Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	
165	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
166	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
167	Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Studies in Computational Intelligence	995			Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Computer Science and	Book Chapter

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168	Mukherjee S.K., Kumar J., Pareek S.K., Jha A.K.	International Journal of e- Collaboration	18	1		Sikkim Manipal University, India; The Institute of Cost Accountants of India, India; Sikkim Manipal Institute of Technology, India	Article
169	Biswas A.S., Sil S., Bera R., Mitra M.	Lecture Notes in Electrical Engineering	786			Department of Electronics and Communication Engineering, TINT, New Town, Kolkata, India; Department of Electronics and Communication Engineering, CIEM, Kolkata, India; Department of Electronics and Communication Engineering, SMIT, Rangpo, Sikkim, India; Department of Electronics and Telecommunication Engineering, IEST, Shibpur, Howrah, India	Conference Paper
170	Jha A., Bhoi A.K., Saha S.K., Singh A., Mukherjee S., Sharma B., Jayarani	EAI/Springer Innovations in Communication and Computing				Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Symbiosis Institute of Health Sciences, Pune, India	Book Chapter
171	Saha S.K., Jha A., Bhoi A.K., Singh A., Kumar J., Rani J.	EAI/Springer Innovations in Communication and Computing				Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical and Electronics Engineering, Sikkim	Book Chapter

						Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Symbiosis Institute of Health Sciences, Pune, India	
172	Bera R.	Lecture Notes in Electrical Engineering	794			Department of Electronics & Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, Sikkim, 737136, India	Book Chapter
173	Dutta R., Paitya N.	Lecture Notes in Electrical Engineering	794			Center of Intelligent Systems and Robotics - ITER, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha, 751030, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Book Chapter
174	Das S.D., Biswas A., Bhattacharjee R., Gupta S., Dey B.	Lecture Notes in Electrical Engineering	776			Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Gangtok, Sikkim, India	Conference Paper
175	Tamang J.S., Jha S.K., Dhar R.S., Chatterjee S.	Lecture Notes in Electrical Engineering	776			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim, 737136, India; Department of Electronics and Communication Engineering, National Institute of Technology, Aizwal, Mizoram, 796012, India	Conference Paper
176	Sharma P., Sur S.N.	Lecture Notes in Electrical Engineering	776			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, 737136, India	Conference Paper

177	Rai P., Pradhan N., Pokhrel K.	Lecture Notes in Electrical Engineering	776			Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Electronics and Communication Engineering Sikkim, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
178	Biswas A., Paudel B., Sarkar N.	Lecture Notes in Electrical Engineering	776			Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Sikkim, India	Conference Paper
179	Singh J., Garg K., Kumar N., Sharma B.	Lecture Notes in Electrical Engineering	776			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737136, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737136, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737136, India	Conference Paper
180	Le C.-B., Do D.-T., Sur S.N.	Lecture Notes in Electrical Engineering	776			Faculty of Electronics Technology, Industrial University of Ho Chi Minh City, Ho Chi Minh City, Viet Nam; Department of Computer Science and Information Engineering, College of Information and Electrical Engineering, Asia University, Taichung city, Taiwan; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim	Conference Paper

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181	Dutta R., Paitya N.	Lecture Notes in Electrical Engineering	776			Department of Electronics and Communication Engineering, Surendra Institute of Engineering and Management, Maulana Abul Kalam Azad University of Technology, Kolkata, West Bengal, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
182	Thapa A., Pradhan P.C., Sharma B.	Lecture Notes in Electrical Engineering	776			Department of Electronics & Communication Engineering, SMIT, SMU, Majitar, India	Conference Paper
183	Roy R., Sarkar S., Dhar S.	Lecture Notes in Electrical Engineering	776			Department of ECE, Sikkim Manipal University, Sikkim, India	Conference Paper
184	Dhar S., Mukhopadhyay S.C., Sur S.N., Liu C.-M.	Lecture Notes in Electrical Engineering	776			Department of Electronics and Communication Engineering Sikkim, Manipal Institute of Technology, Rangpo, Sikkim, India; Electronics and Communications Engineering Department Sikkim Manipal Institute of Technology, Rangpo, India; School of Engineering (E6B1.11, Macquarie University, Sydney, NSW, Australia; Department of Computer Science and Information Engineering, National Taipei University of Technology, Taipei, Taiwan	Editorial
185	Sharma A., Gautam K., Koirala T.K.	Lecture Notes in Electrical Engineering	776			Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper

186	Paudel B., Sarkar N., Chakraborty S.	Lecture Notes in Electrical Engineering	776			Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737132, India	Conference Paper
187	Mittal S., Ranjan A., Roy B., Rathore V.	Lecture Notes in Electrical Engineering	776			Sikkim Manipal Institute of Technology, SMU, Gangtok, Sikkim, India	Conference Paper
188	Roy B., Gupta M., Kumar A., Sweta	Lecture Notes in Electrical Engineering	776			Sikkim Manipal Institute of Technology, SMU, East Sikkim, India; UG Student, Sikkim Manipal Institute of Technology, SMU, East Sikkim, India	Conference Paper
189	Kumari R., Pandit M., Sherpa K.S.	Lecture Notes in Electrical Engineering	776			Electrical and Electronics Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
190	Upadhyaya B., Sharma K., Gurung S.	Lecture Notes in Electrical Engineering	776			Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
191	Singh A., Kumar J., Jha A., Purbey S.	Lecture Notes in Electrical Engineering	776			Symbiosis Institute of Health Sciences, Symbiosis International (Deemed University), Pune, Maharashtra, India; Department of Management Studies, Sikkim Manipal Institute of Technology, Majhitar, Sikkim, India; Development Management Institute, Patna, Bihar, India	Conference Paper
192	Kumar N., Dey B., Chetri C., Agarwal A., Debnath A.	Lecture Notes in Electrical Engineering	776			SMIT, SMU, Gangtok, Sikkim, India; CMRIT, Bangalore, Karnataka, India	Conference Paper
193	Sapkota B.P., Das S.K., Mukherjee V., Kabi S.	Lecture Notes in Electrical Engineering	776			Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Rangpo, East Sikkim, Sikkim, 737136, India	Conference Paper

194	Chatterjee S., Banerjee R.	Lecture Notes in Electrical Engineering	776			EEE Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; EE Department, NIT Silchar, Silchar, India	Conference Paper
195	Islam H., Bose T., Das S.	Lecture Notes in Electrical Engineering	776			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
196	Sharma R., Ch Gogoi K., Chatterjee S.	Lecture Notes in Electrical Engineering	776			EEE Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India	Conference Paper
197	Ray J.K., Sil S., Bera R., Biswas P., Biswas A.S., Alfred Q.M.	Lecture Notes in Networks and Systems	292			Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India; A.K. Choudhury School of Information Technology, University of Calcutta, Kolkata, India; IEST Shibpur, Howrah, India; Aliah University, Kolkata, India	Conference Paper
198	Banerjee P.	Natural Hazards	110	2		Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article
199	Chakraborty S., Verma P., Paudel B., Shukla A., Das S.	IEEE Geoscience and Remote Sensing Letters	19			Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Gangtok, India; Space Applications Centre, Indian Space Research Organization, Ahmedabad, India; Department of Astronomy, Astrophysics and Space Engineering, IIT Indore, Indore, India	Article
200	Das S., Chattopadhyay A., Tewari S.	IETE Technical Review (Institution	39	2		Department of Electronics and Communication Engineering, Sikkim Manipal Institute of	Article

		of Electronics and Telecommunication Engineers, India)				Technology, Sikkim Manipal University, Sikkim, 737136, India; Institute of Radio Physics and Electronics, University of Calcutta, 92 Acharya Prafulla Chandra Road, Kolkata, 700009, India	
201	Das S., Guha S., Ghadai R., Sharma A., Chatterjee S.	Silicon	14	1		Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Majitar, 737136, India; School of Mechanical Engineering, KIIT University, Bhubaneswar, Odisha, India	
202	Ghose D., Pradhan S., Shabbiruddin	International Journal of Ambient Energy	43	1		Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Majitar, 737136, India	

Funding for Project by International Organisation21-22:

SI No	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Funds provided (INR in lakhs)
1	FOLLOW-UP OF THE PARTICIPANTS OF IARC'	Dr.Yogesh Verma	World Health Organization	17.2367223
2	XR Program	CT Singh	META XR PROGRAM	386.75

Commitment to Meaningful education around the SDGs across the university, relevant and applicable to all students

Sikkim Manipal University (SMU) was established in 1995 to cater to the educational and healthcare needs of the state of Sikkim and northeastern states. Till 1995, people of Sikkim use to travel to other parts of the country for their educational and healthcare needs. The establishment of SMU helped Sikkimese to pursue higher education in the state of Sikkim. People from northeastern states are aspirants of medical and paramedical programs. The University offers medical, nursing, and engineering programs relevant to the needs of the state of Sikkim and northeastern states. Today, several hundred doctors, nurses, and engineers working in different parts of India and abroad are alumni of SMU constituent units. We feel that SMU has played an instrumental role in human development in the state of Sikkim and other northeastern states contributing to the national objective of increasing the Gross Enrollment Ratio (GER).

The curricula of various programs offered by SMU include courses that are relevant to local, national, regional, and global developmental needs.

SMU offers medical and nursing programs. As part of their clinical training, students of these programs spend their learning time in teaching hospitals/

Primary Health Centre/ Urban Health Centre/Govt. Hospital interacting with patients from Sikkim.

To facilitate effective interaction between health professionals and patients, the Nepali language has been introduced as a value added course into all Medical and Nursing programs.

Compulsory course in “Eastern Himalayan Studies” for all BA Programmes provides issues revolving from the environment to economic aspects of the eastern region which not only include Sikkim & Darjeeling but also has a wider grip of nearby countries of eastern Himalaya such as Bhutan, Tibet, China and Nepal Compulsory Audit courses for all B.Tech Programme on Constitution of India

Open Elective on Entrepreneurship/ Compulsory Internship /research projects for more than 90% of programmes run by the university

SMU has integrated courses related to Human Values, Ethics, Environment, and Gender studies as part of the curriculum in various programs to ensure the holistic development of students.

Human Values and Professional Ethics course is being offered as Value Added course to B.Tech. Students in their first year.

Bioethics course is being offered as Value added course to students of medical, nursing and physiotherapy programs. This course is offered jointly with UNESCO Bioethics (Haifa) Chair, Sikkim Unit.

Ethics course is being offered as part of BPT curriculum.

Professional Development & Ethics (Prepared Based Upon the guidelines of Attitude, Ethics, and Communication (AETCOM) Competencies for the Indian Medical Graduate) for MBBS Students.

Environmental Studies is being offered as a mandatory course for B.Tech, BA, B.Com. programs.

Gender & Society is being offered as part of MA Sociology

Gender Studies in Literature as part of MA English Program.

Gender Equity Programs are being conducted for all the students. Gender Champion have been identified to sensitize students university for students & for faculty

The following are the list of courses that are prepared based upon considering SDGs

Sl No	Course code	Course name	Linked to SDG
1	MAEC301	Gender Studies in Literature	SDG 5
2	BAS-E-503	Gender and Society	SDG 5
3	CH1191*	Environmental Science	SDG 6 & 7
4	CE 1407	Environmental Engineering – I	SDG 6 & 7
5	CE 1507	Environmental Engineering – II	SDG 6 & 7



6	CE 1564	Environmental Engineering Lab	SDG 6 & 7
7	CE 1632	Environment Impact Assessment	SDG 6 & 7
8	BA 2204	Global Economic Environment and Policy	SDG 6 & 7
9	BA 2446	International Business Environment and International Law & Export-Import Finance	SDG 6 & 7
10	CH 2435	Environmental Chemistry	SDG 6 & 7
11	CS 5105	Geographic Information Systems for Environmental Impact Assessment	SDG 6 & 7
12	MAEO304	Literature and Environment	SDG 6 & 7
13	BCAC02	Environmental Studies (AECC)	SDG 6 & 7
14	AECC -2	Environment Studies	SDG 6 & 7
15	EE 1605	Renewable Energy Systems	SDG 6 & 7
16	ME 1733	Energy Management	SDG 6 & 7
17	MAPSC403	Peace and Conflict In International Politics	SDG 16
18	CE 1307	Building Science & Concrete Technology	SDG 11
19	CE 1361	Planning & CA Drawing of Buildings	SDG 11
20	BA1721	Entrepreneurship for Engineers (In collaboration with Atal Incubation Centre)	SDG 9
21	BA 1303	Entrepreneurship and Small Business	SDG 9
22	MH2307	Entrepreneurship in healthcare	SDG 9
23	SEC- 2	Entrepreneurship Development	SDG 9
24	NR1102	Nutrition & Biochemistry	SDG 3
25	NUR303	Child Health Nursing	SDG 3
26	NR2104	Child Health Nursing(CS I)	SDG 3
27	NR2210	Child Health Nursing(CS II)	SDG 3
28	MB1101	Anatomy	SDG 3
29	MB1102	Physiology	SDG 3
30	MB1103	Biochemistry	SDG 3
31	MB1201	Pathology	SDG 3
32	MB1202	Pharmacology	SDG 3
33	MB1203	Microbiology	SDG 3
34	MB1204	FMT	SDG 3
35	MB1301	Ophthalmology	SDG 3
36	MB1302	ENT	SDG 3
37	MB1303	Community Medicine	SDG 3
38	MB1401	Medicine	SDG 3
39	MB1402	Surgery	SDG 3
40	MB1403	OBGY	SDG 3
41	MB1404	Paediatrics	SDG 3



SMU provides academic flexibility through the Choice Based Credit System (CBCS)/Elective System. Constituent units lay emphasis on curriculum enrichment by introducing value-added courses relevant to the program.

Following are some highlights of the curricular aspects considering SDGs

- 83% of programs have been revised in the last 5 years.
- 89% of the courses have employability/ entrepreneurship/skill components.
- 40% of courses have been newly introduced in last 5 years.
- 73% of SMU programs have CBCS/Elective System.
- Open Elective on Entrepreneurship/ Compulsory Internship /research projects for more than 90% of programmes run by the university

Open Elective on Entrepreneurship was started to motivate student to become job giver than to become job seeker in today's world.

Description:

This course acquaints would be engineers with the foundation of business enterprise and its functional execution. It focuses on different stages related to start-up process, including business model innovation, monetization, small business management as well as strategies that improve performance of new

ventures. Centred around a blend of conceptual exploration as well as hands-on-exposure, students will develop an understanding of the benefits/advantages of being independent.

Learning Objectives:

1. To explore and inculcate innovative business ideas and surrounding opportunities.
2. To turn the market opportunities into a start-up plan.
3. To demonstrate understanding and application of the tools necessary to create a sustainable venture.

Orientation Modules

Introduction to Innovation: Link between changes and opportunities for launching a start-up. Current and future trends.

Entrepreneur and the Process: Critical factors for starting a new enterprise. Opportunities for new businesses. Resource potentials. Forms of financing. Technical Ingredients for a successful business.

Opportunity: Finalizing ideas, forming teams and brainstorming session.
Projected Financial Statements: Cash flow, balance sheet, profit and loss statement.

Market Analysis: Target market. Unique selling proposition. Feasibility analysis of the competitive environment. SWOT analysis. Porter's 5 forces model to identify competitive market threats.

Business Plan: Pitching for the Business Plan. Developing a business model around the core idea. Avenues to monetization depending on the characteristics of business idea.

Intellectual Property and Legal Aspects: Understanding the Intellectual property rights when operating a business. Legal and technical aspects of the business.

Evaluation Pattern *

1. 100 Marks

2. Weightage – 50 % with Internal Assessment and 50 % with External Assessment

3. External Assessment comprising of End Semester Examination

4. Allotted Credit : 2016 admitted batch – 4, 2017 and onwards admitted batch –

Reference Materials

1. Entrepreneurship, Shikha Sahai, HPH Publishing.

2. Entrepreneurship Development, Gordon and Natarajan, HPH Publishing.

3. Entrepreneurship and Small Business Management, BS Bhatia & G S Bhatia,

Deep & Deep Publications Pvt Ltd

Collaboration with NGOs for SDGs



PROGRESS REPORT ON TRANSFORMING EDUCATION IN REMOTE RURAL GOVT SCHOOLS OF SIKKIM

*A summary of activities and achievement made across the 3 adopted schools in North Sikkim -
December 2021 till date*



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956





PROJECT DETAILS

PROJECT PERIOD: July 2021 – June 2024

REPROTING PERIOD: July 2021 – June 2023

PROJECT GEOGRAPHY: 3 Govt. schools in Mangan District, Sikkim

PROJECT OBJECTIVES

The project, supported by Manipal Foundation and Sikkim Manipal University, is aimed at creating access to quality and holistic learning in three adopted Govt. schools. As part of the Project, over a 3-year period, 17000ft will

- Improve infrastructure through the setup of outdoor playground to get children back to schools.
- Improve Learning Resources by setting up:
 - i. DigiLab – highly specialized offline Digital Learning Solution meant for areas with no mobile connectivity, that enables children to learn in school and at home.
 - ii. Library, with average 400 books across genres, levels and languages.
- Build capabilities of Headmasters and Teachers on implementing a Blended Learning program and an Active Library program in schools
- Improve Student Learning by implementing a Structured Library program and the DigiLab program in the 3 schools.

PROJECT PROGRESS

The first two years of the Project has been devoted to

- Setting expectations with the Department of Education
- Mobilizing and sensitizing parent and the communities
- Improving infrastructure in schools through the installation of the Playground
- Contextualizing the digital learning content for the DigiLab program
- Enhancing learning resources in schools through the setup of the DigiLab and Library
- Building capacity of HM and Teachers through annual training and periodic refresher training
- Supporting the schools through quarterly monitoring visits and calls
- Maintaining the provided hardware and troubleshooting, as required



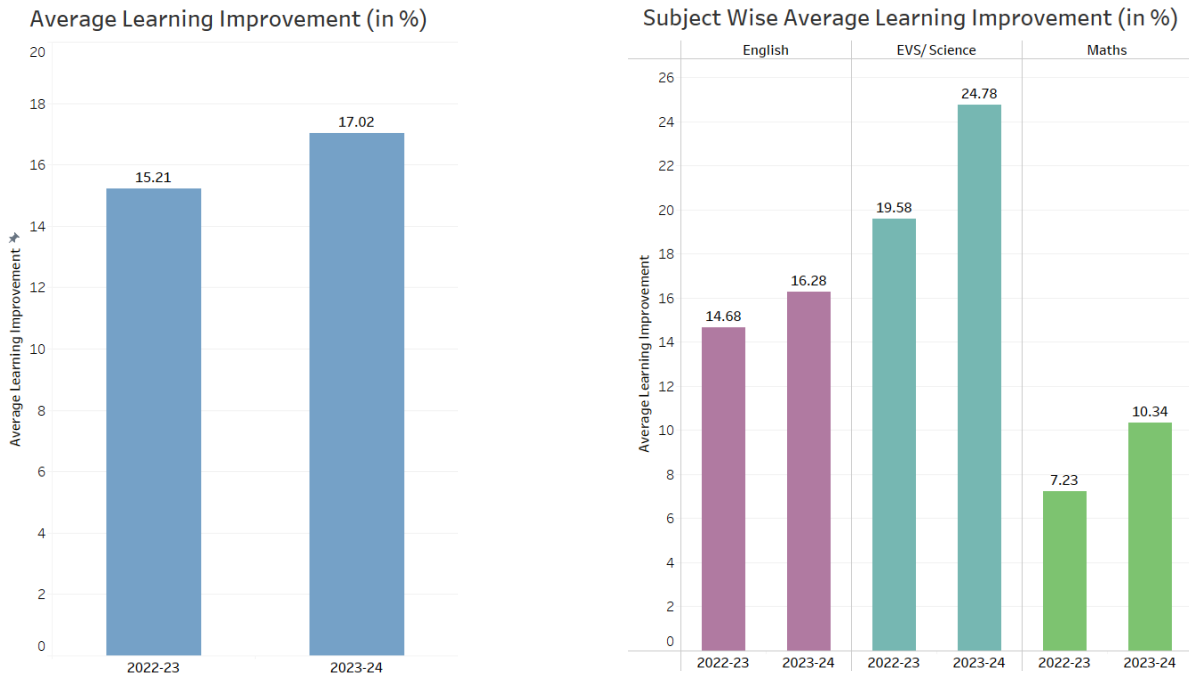


PROJECT RESULTS

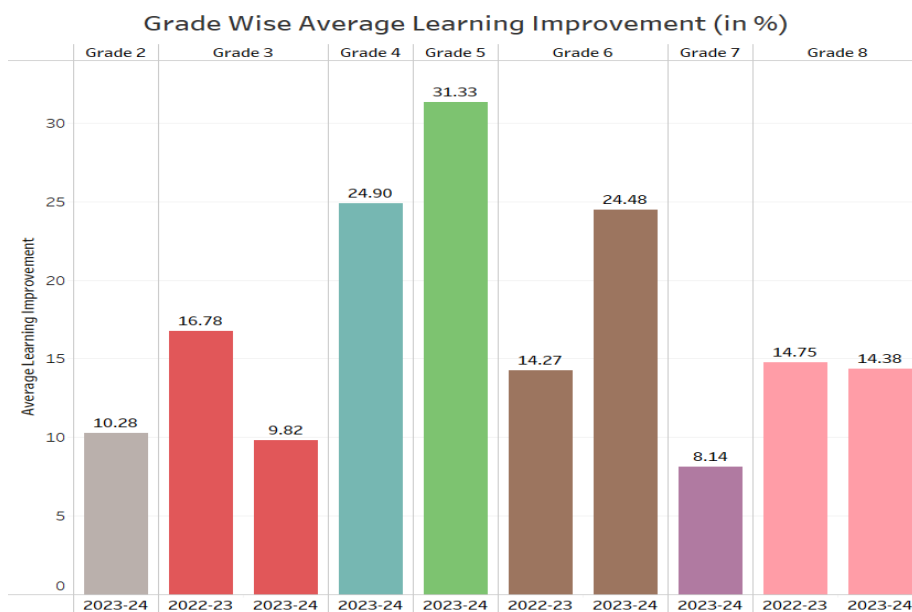
DigiLab

The overall **Average Learning Improvement (ALI)** across subjects is **16.63%**. In the current academic year, the overall ALI is higher (17.02%) as compared to the previous session (15.21%).

Children have demonstrated the highest learning improvement in EVS/ Science – 24.78% in the current academic year and 19.58% in the previous year. It is encouraging to see that in Maths, the children are displaying a higher improvement this year (10.34%) as against 7.23% displayed last year.



The Grade wise data for ALI is also extremely heartening as children across grades are demonstrating improvement in their learning. The data reveals that the highest Learning improvement has been achieved by children of Grade 5 followed by Grade 4 and Grade 6. There has been a marked increase in ALI for Grade 6 in the current session with an over 10% increase from the previous session.

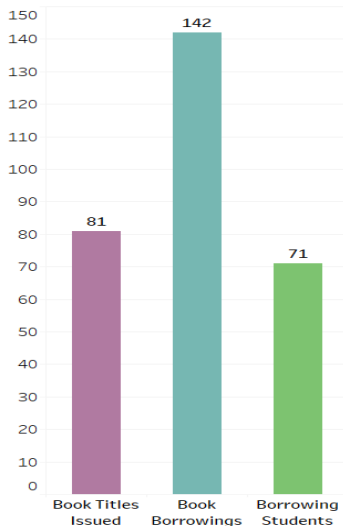




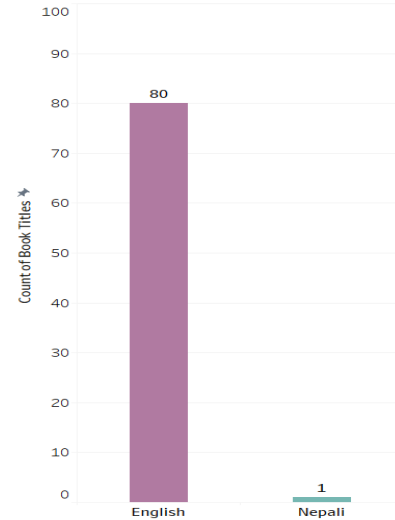
Library

It is immensely inspiring to note that children are borrowing and reading books. All the three schools have incorporated a Library period in their schedule and have allocated one period per week.

Details of Books Issued

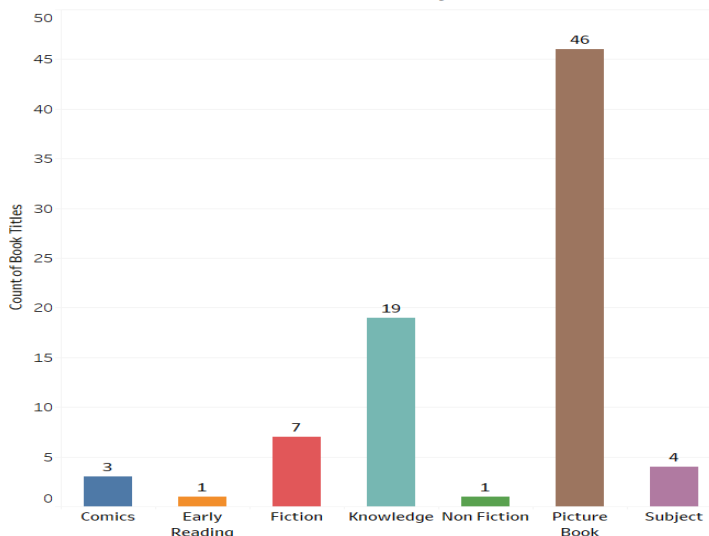


Book Titles Issued by Language

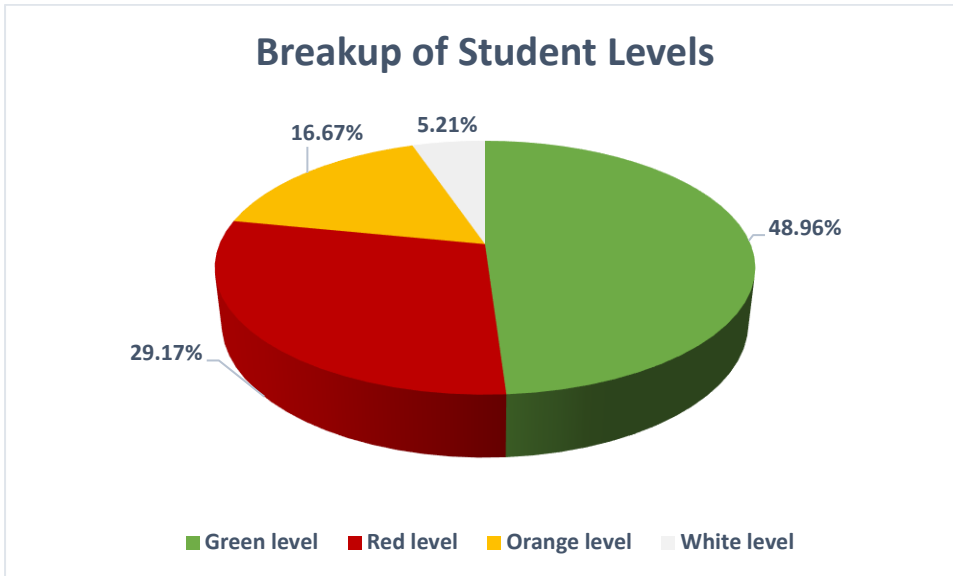


As can be seen in the above graph, a total of 81 book titles have been issued across the three schools to 71 students a total of 142 times. Almost all issued Book titles have been of English language; only 1 book in Nepali has been issued while there have no books issued in Hindi language.

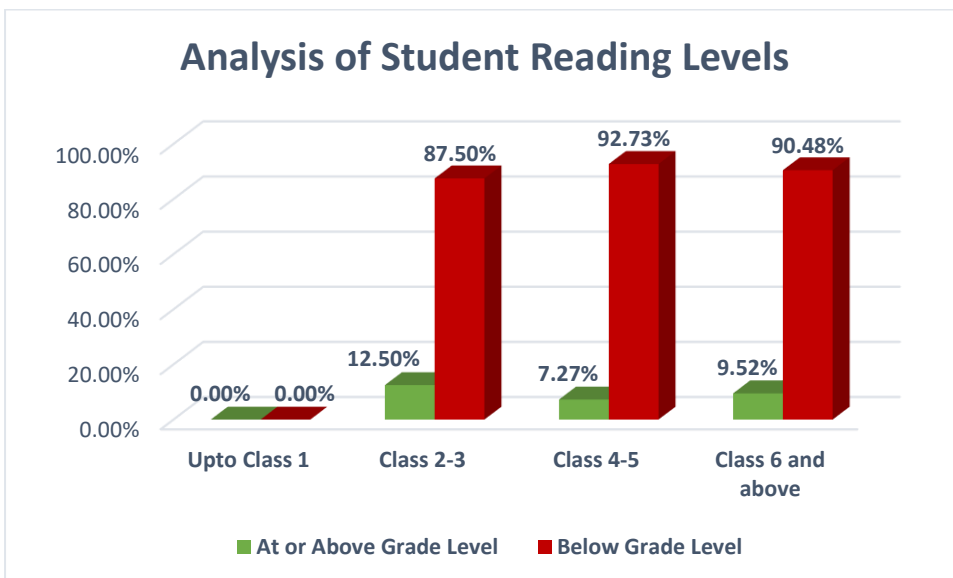
Book Titles Issued by Genre



It has been observed that majority of the books issued have been Picture Books which account for 56.8% of all book titles issued, followed by Knowledge genre books which account for 23.5% of all book titles issued. Children are being encouraged to explore other genres too.



Almost half (49%) of the students across the three schools were found to be in the basic ‘Green’ level with close to 30% in the ‘Red’ level. Just under 17% were in the ‘Orange’ level while only a little over 5% were in the most advanced level- ‘White’.



As can be seen above, the vast majority of students in the three schools are not reading at Grade level at the moment. To address this, 17000ft has conducted centralised & refresher training of HM & teachers on creating an active reading program in schools with the overall aim to inculcate a reading habit amongst children. We are confident that these measures will encourage children to read more and a larger proportion of students will start reading at Grade level.

Enrolment Updates

Even though the overall enrolment has declined in all the 3 schools, it has been observed that the overall students’ attendance across grades is over 90%.



Sl No	Name of School	Enrolment of Start of Year 1	Current Enrolment
1	UPS Lingzya	36	32
2	Ups Namprick	36	32
3	SS Tingvong	65	47

CHALLENGES FACED

Over the last two years of the Project, 17000ft has faced a few challenges which have been addressed as highlighted below:

- i. **Raspberry Pi stability issues:** A stability issue was observed in the Raspberry Pi setup in the 3 schools, as part of the DigiLab. It was noted that due to power fluctuations, when multiple devices would try to connect to the Raspberry Pi, the Pi was unable to take the load forcing the devices to drop off automatically. This caused issues in syncing data from the DigiLab sessions. To resolve this issue, 17000ft has now provided an additional 220V transformer in these schools which is converting the load from AC to DC, thus providing stability when multiple devices attempt to connect to the Pi.
- ii. **Power Supply issues:** Inconsistent power supply causing malfunctioning in the DigiLab was a major issue reported by the schools. In order to counter this, 17000ft provided Top Up boxes to stabilize power supply for the DigiLab and ensure continuous and uninterrupted power supply for all devices. This step has particularly helped increase DigiLab usage in the schools.
- iii. **Delays caused due to weather vagaries:** Due to the long monsoon season causing roads to be washed out and travel practically impossible, it was not possible make monitoring visits to the schools in each quarter; hence only 3 out of the planned 4 visits could be made. In address this challenge, 17000ft has ensured support to the schools through calls/ WhatsApp.

SUPPORT PROVIDED BY SMU

Health Camps

The Central Referral Hospital Manipal, in association with 17000ft Foundation, has organised a one-day free medical health camp for the benefit of community members at:

- Lingzya Village in Dec 2021
- Namong Arithang in July 2023

The medical camps were conducted on the grounds of the schools in the villages.

Specialist doctors from various department namely General Medicine, Paediatrics, Dental and Psychiatry conducted these camps. Both the camps were well attended by students, parents and teachers. Medical examination along with free blood pressure and blood sugar were also conducted. Few of the patients were referred by the doctors for further





treatment at Central Referral Hospital Manipal. The Central Referral Hospital also gave free medical treatment to the needy patients.



Hiring of Team

Before 17000ft started its full-fledged operations in Sikkim, the Sikkim Manipal University had provided space to the 17000ft senior team for conducting candidates' interviews for the role of Program Facilitators.

17000 ft's PRESENCE IN SIKKIM

17000ft started its operations in Sikkim in July 2021 by adopting 3 Govt. schools in collaboration with Manipal Foundation and Sikkim Manipal University. Since then, 17000ft has expanded its reach and has transformed a total of 85 Govt. schools across Mangan, Pakyong and Gangtok districts and will soon be expanding to the Soreng district.

In this journey, 17000ft has been supported by Manipal Foundation & Sikkim Manipal University, Axis Bank, HT Parekh Foundation and Cipla Foundation.

PHOTOGRAPHS FROM THE GROUND



