APA 2018

International Conference on Advances in Polymer Science & Technology

November 1-3, 2018

Godavari Village Resort, Kathmandu, Nepal

SOUVENIR

Organised by

Asian Polymer Association

Nepal Chemical Society

In association with

Amrit Campus, Tribhuvan University, Lainchaur, Kathmandu, Nepal

Society for Biomaterials & Artificial Organs India (Delhi)

Society For Tissue Engineering & Regenerative Medicine India, Delhi

Indo Italian Forum on Biomaterials & Tissue Engineering

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BHUVANESH GUPTA
President (APA)

Message from the President, Asian Polymer Association

Asian Polymer Association (APA) is a professional platform and has achieved the distinction of being a dynamic association of polymer scientists. It is a multinational society involving members from different countries across the world. The vision of APA is to bring together polymer scientists and technologists from different countries on a single platform for a dynamic interaction among them and has organized several conferences in and outside India in the past.

APA is now organizing International Conference on Advances in Polymer Science & Technology (APA-2018) at Kathmandu, Nepal on November 1-3, 2018. This is going to be joint activity of Asian Polymer Association and Nepal Chemical Society. This conference would fecilitate a close interaction of polymer fraternity at the International level and would be the focal point of discussion among the delegates. On behalf of APA, I welcome the participants at Kathmandu and wish APA-2018 to be high profile and a visionary event.

Bhuvanesh Gupta

Nepal Chemical Society (NCS)

Central Department of Chemistry
Tribhuvan, University
Kirtipur, Kathmandu, Nepal
Email: amar2y@yahoo.com
Mobile: 977-9851124444
Website: ncs.org.np

Amar Prasad Yadav
President

Message from the President, Nepal Chemical Society

Nepal Chemical Society (NCS) is an oldest and only association of Nepalese Chemists. NCS has always been a vibrant platform for chemists. Its main objective is to promote research and education in chemistry in Nepal with collaboration of international universities, institutes and associations. NCS is organizing International conference on advances in polymer science and technology on November 1-3, 2018 in Kathmandu, Nepal in collaboration with Asian Polymer Association (APA). This is an opportunity for our researchers, young students and graduates to know about the polymer and nanomaterials research trends and its application in the various fields.

On behalf of Nepal Chemical Society (NCS) I would like to cordially welcome you to participate in the conference. In addition, the conference will provide foreign scientists an opportunity to enjoy the natural beauty and biodiversity of Nepal. We welcome you to visit Nepal.

Prof. Dr. Amar Prasad Yadav
President
Nepal Chemical Society

Message from the Dean, Tribhuvan University, Kirtipur

Greetings,

It is my great pleasure to be part of the opening ceremony of the International Conference on Advances in Polymer Science and Technology (APA-2018). It is hoped that APA-2018 will be a platform to gather and disseminate the latest knowledge in Advances in Polymer Science and Technology. First of all, I would like to extend a warm welcome to all participants in this conference.
With the objective of bringing Nepali chemists and technologists with foreign Scientists together in a forum to deliberate their research activities and share experiences, Nepal Chemical Society (NCS) is doing a great job. I appreciate the organizers and NCS for organizing the International Conference in collaboration with Asian Polymer Association.

On behalf of IOST, I look forward to this conference will serve as a venue for academics, researchers, and scientists to gather and pursue recent trends and developments in this field. It is also expected that the intellectual discourse will result in future collaborations between universities, research institutions and industry both locally and internationally.

I wish all participants a fruitful interaction during the conference. I also wish our foreign participants a pleasant stay in Kathmandu.

Thank You.

Prof. Ram Prasad Khatiwada (PhD)
Dean
Institute of Science and Technology
Tribhuvan University, Kirtipur

APA 2018

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APA 2018

Plenary Speakers

Didier Letourneur
INSERM, Paris
France

Joëlle AMEDEE VILAMITJANA
Univ. of Bordeaux
France

Atsushi Maruyama
Tokyo Institute of Technology
Tokyo, Japan

Jaehoon Yu
Seoul National University
Korea

Manohar Badiger
National Chemical Laboratory
Pune, India

Vinay Kumar Jha
Tribhivan University
Kathmandu, Nepal

Rama S Verma
Indian Institute of Technology Madras
India

APA Awards - 2018

Distinguished Award

Prof. Seeram Ramakrishna
National University of Singapore
Singapore

Young Scientist Award

Prof. Won Jong Kim
Pohang Univ of Sci & Tech (POSTECH)
Korea

Young Researcher Award

Dr. Sadiya Anjum
Indian Institute of Technology Delhi
India

APA Distinguished Award 2018

Prof. Seeram Ramakrishna
National University of Singapore

Professor Seeram Ramakrishna, PhD from the University of Cambridge, UK, is the Director of Center for Nanofibers and Nanotechnology at the National University of Singapore (NUS), which is ranked among the top 25 universities in the world. He co-authored over 1,000 international journal papers which received ~83,000 citations. He is regarded as the modern father of electrospinning. He is a Highly Cited Researcher in Materials Science (Clarivate Analytics). Thomson Reuters recognized him among the World's Most Influential Scientific Minds. A European study placed him among the only 2,610 researchers with H index over 100 in the history of science and technology (http://www.webometrics.info/en/node/58). He pioneered nanotechnology and materials circular economy in Asia. He is an elected Fellow of UK Royal Academy of Engineering, Singapore Academy of Engineering; Indian National Academy of Engineering; and ASEAN Academy of Engineering & Technology. He is an elected Fellow of many prestigious international societies like International Union of Societies of Biomaterials Science and Engineering (FBSE); Institution of Engineers Singapore; and American Association of the Advancement of Science; ASM. He received numerous recognitions which include CUT Honorary Engineering Doctorate; IFEES President award- Global Visionary; GEDC Ambassador; IES Prestigious Engineering Achievement Award; NUS Outstanding Researcher Award. He advices universities, corporations and governments around the world. He is a member of World Economic Forum (WEF) Committee on Future of Production-Sustainability. He chairs the Circular Economy taskforce. He is the Editor-in-Chief of Springer NATURE journal Materials Circular Economy. He is an editor of Elsevier Current Opinion in Biomedical Engineering. He is an editorial board member of NATURE Scientific Reports

APA Young Scientist Award 2018

Prof. Won Jong Kim
Pohang Univ of Sci & Tech (POSTECH)
Korea

Prof. Won Jong Kim, Ph. D. in Biomolecular Engineering in 2004 from Tokyo Institute of Technology and is currently a tenured full professor at the Department of Chemistry, POSTECH. During his graduate studies he developed a polymer-mediated DNA detection system. His contributions during the past 10 years as POSTCH faculty have been acknowledged by the publication of more than 130 peer-reviewed articles in the most important journals in his field, such as Nature Comm, Angew Chem, Adv. Mat., Biomaterials to name a few. He received KCS-Wiley Young Chemist Award (2011), Wiley-PSK Journal of Polymer Science Young Scientist Award (2012), KCS-Award for the Advancement of Science (2014), and PSK-Mid-career Researcher Academy Award (2015). He is an associate editor of the newly launched journal "Nanotheranostics", and editorial member of "Materials Today Chemistry".

APA Young Researcher Award 2018

Dr. Sadiya Anjum
Indian Institute of Technology Delhi
India

Dr. Sadiya Anjum is working as a Scientist in the Bioengineering group with Prof. Bhuvanesh Gupta at Indian Institute of Technology, New Delhi, India. She received her Ph.D. degree in polymer chemistry from Jamia Millia Islamia, India in 2013. Her research focuses on polymer functionalization and designing of nanomaterials for biomedical applications, especially for the development of infection-resistant materials. She is the author of 25 International publications, inventor of five patents and won several national and international awards and fellowships; Bhawna Soni National Award, 2013, Springer Award for best Presentation 2015, Royal Society of Chemistry Award for best Presentation 2016, Society of Biomaterial Artificial Organs, India Award, 2017 to name a few. She has participated in several national and international conferences. She has the membership of several societies; Asian Polymer Association (APA), Indo-Italian Forum on Biomaterials & Tissue Engineering, Society of Biomaterials & Artificial Organs India, Indian Microscopy Society, India and Indian Science Congress Association. She is actively involved in the APA activities and also she is in the APA executive committee as the secretary of APA since 2015.

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Nepal Chemical Society

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Central Department of Chemistry,
Tribhuvan University, Kirtipur, Kathmandu

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Springer Oral Contest

S No.	Abs. No.	Name	Institute	Title
1	72	Dimple Chouhan	IIT Guwahati	Silk Fibroin Hydrogel as an Affordable Alternative Solution for Treatment of Third Degree Burn Wounds
2	84	Prasun Mathur	IIT Delhi	Burning Behavior Nylon Fabrics and Flame Retardancy Thereof
3	114	Amol T. Naikwadi	ICT, Mumbai	Synthesis, Characterization of PMMA-co-BA/capric Acid Solid-liquid Phase Change Material for Thermal Energy Storage
4	115	Ravi Prakash Ojha	IIT BHU	Colorimetric Sensing of Glucose based on Peroxidase Mimicking Graphene Quantum Dots from Wood Charcoal
5	225	Priya Singh	IIT BHU	Hydrothermal Synthesis of 2-D $MoSe_2$ Decorated Platinum Nanoparticles for the Colorimetric Detection of the Glutathione
6	250	Jyoti Agarwal	LARPM CIPET	Isolation and Characterization of Cellulose Nanofibrills from Pineapple Peel Waste
7	260	Anamika	IIT Kanpur	Design and Development of Polymer based Guidance Channels Mimicking Nerve Architecture for Peripheral Nerve Regeneration
8	274	Siddharth Mohan Bhasney	IIT Guwahati	Preparation and Characterization of Microcrystalline Cellulose fibre [MCC] Reinforced Poly lactic acid [PLA] and Linear Low Density Polyethylene [LLDPE] Polyblend composites

Time	Day 1, Thursday, 01 November, 2018		
0800 h -Onwards	**REGISTRATION** (Pre Function Area)		
0900-1035 h	**Opening Session** **Inaugural Plenary:** Didier Letourneur, INSERM, Paris, France **APA Distinguished Award Ceremony** Seeram Ramakrishna (NUS, Singapore) **Chairs:** *Bhuvanesh Gupta (India), Atsushi Suzuki (Japan)*		
1035-1100 h	**TEA**		
1100-1250 h	**PLENARY I** Atsushi Maruyama (Japan) **PLENARY II** Jaehoon Yu (Korea) ***Chairs:*** *Didier Letourneur (France) & Seeram Ramakrishna (Singapore)*		
1300-1400 h	**LUNCH**		
Parallel Sessions	**Hall I**	**Hall II**	**Hall III**
1400-1425 h 1425-1445 h 1445-1505 h 1505-1515 h 1515-1525 h	**Polymer Synthesis & Functionalization** ***Chairs:*** *WJ Kim (Korea) & MV Badiger (India)* KN: Philippe Roger IL: Madhukar Garg IL: Balbir Singh Kaith OL: Tungabidya Maharana OL: Alekha Kumar Sutar	**Polymeric Biomaterials & Bioengineering** ***Chairs:*** *Atsushi Maruyama (Japan) & Manjeet Jassal (India)* KN: Atsushi Suzuki IL: Bhupendra Singh Butola IL: Sang J. Chung OL: Jincy Joy OL: Min Kyung Jo	**Nanomaterial & Nanotechnologies** ***Chairs:*** *Junsang Doh (Korea) & Mangala Joshi (India)* KN: Kazutoshi Haraguchi IL: Uttam Kumar Mandal IL: Sadiya Anjum (YRA Award Talk) OL: Shamayita Patra OL: Gitanjali Majumdar
1530-1730 h	**Poster Session / Tea** **Chairs:** *Balbir Singh Kaith (India) & MR Pokherel (Nepal)* *Committee Members: Shamayita Patra, S. Viju, Tungabidya Maharana, Mudrika Khandelwal*		
1745-1845 h	***Inauguration Ceremony***		
1900-2200 h	**Conference Dinner**		

Time	Day 2, Friday, 02 November, 2018			
0800 h -Onwards	**REGISTRATION** (Pre Function Area)			
0915-1035 h	**PLENARY III** Joëlle AMEDEE VILAMITJANA (France) **PLENARY IV** Manohar V Badiger (India) ***Chairs:*** *Atsushi Suzuki (Japan) & Rama S Verma (India)*			
1035-1100 h	**TEA**			
Parallel Sessions	**Hall I**	**Hall II**	**Hall III**	**Lobby**
1100-1125 h 1125-1145 h 1145-1205 h 1205-1225 h 1225-1235 h 1235-1245 h	**Biopolymers & Bioengineering** ***Chairs:*** *Jaehoon Yu (Korea) & HyeJi Kim (Korea)* KN: Mangala Joshi IL: Il Keun Kwon IL: Bhuvanesh Gupta IL: Mudrika Khandelwal OL: Vimala Kanikireddy OL: Chetna Verma	**Polymers for Advanced Technology** ***Chairs:*** *Virendra Kumar Gupta (India) & W.J. Kim (Korea)* KN: Satyendra Mishra IL: Hyun-Suk Lim IL: Junsang Doh IL: Manjeet Singh Parmar OL: Deepika Gupta OL: Bishweshwar Pant	**Smart & Functional Polymers** ***Chairs:*** *Ram Narayan Jha (Nepal) & Sang J. Chung (Korea)* KN: Manjeet Jassal IL : Bindra Shrestha IL : Hemant V. Joshi IL: Sung Ho Yang OL: Netra Lal Bhandari OL: Mi Young Moon	Student Wisdom Contest
1300-1400 h	**LUNCH**			
Parallel Sessions	**Hall I**	**Hall II**	**Hall III**	
1400-1425 h 1425-1445 h 1445-1505 h 1505-1525 h 1525-1535 h 1535-1545 h 1545-1555 h	**Novel Materials & Innovations** ***Chairs*** *: Kedar Nath Ghimere (Nepal) & Satyendra Mishra (India)* KN: Virendra Kumar Gupta IL: Jitendra Kumar Rathour IL: Sunit Hendrana IL: Satish Kommoji OL: Arun Singh OL: S Viju OL: János Sója	**Biomaterials & Bioengineering** ***Chairs:*** *Sung Ho Yang (Korea) & Niranjan Parajuli (Nepal)* KN: Rathindra Mohan Banik IL: Biman B Mandal IL : Devasish Chowdhury IL : Bhisham Narayan Singh OL: Parvaiz Ahmad Shiekh OL: J Ronald Aseer OL: Poushpi Dwivedi	**STUDENT CONCLAVE: Springer Oral Contest** ***Jurry Members****: Philippe Roger (Chair), Joëlle Amédée, Atsushi Suzuki, Junsang Doh* ▲ Dimple Chouhan ▲ Prasun Mathur ▲ Priya Singh ▲ Anamika ▲ Ravi Prakash Ojha ▲ Amol T. Naikwadi ▲ Jyoti Agarwal ▲ Siddharth Mohan Bhasney	
1600-1630 h	**TEA**			
1630-1700 h	**Young Scientist Award Lecture :** Won Jong Kim (Korea) ***Chairs:*** *Philippe Roger (France) & Amar Yadav (Nepal)*			
1700-1730 h	**APA General Body Meeting**			

Time	Day 3, Saturday, 03 November, 2018		
	Plenary Session		
0915-1035 h	**PLENARY V** Rama S Verma (India) **PLENARY VI** Vinay Kumar Jha (Nepal) ***Chairs:*** *Kazutoshi Haraguchi (Japan) & Ashok Kumar (India)*		
1035-1100 h	**TEA**		
Parallel Sessions	**Hall I**	**Hall II**	**Hall III**
1100-1110 h 1110-1120 h 1120-1130 h 1130-1140 h 1140-1150 h	**Diverse Materials & Applications** ***Chairs:*** *Sunit Henderana (Indonesia) & Biman Mandal (India)* OL: HyeJi Kim OL: Jyoti Agarwal OL: Sanjay Singh OL: Barsha Lekhi OL: Dipak Kumar Gupta	**Diverse Materials & Applications** ***Chairs:*** *BS Butola (India) & J K Rathour (India)* OL: Rajan Timilsina OL: Bishal Thapa OL: Prem Raj Shrestha OL: Roshan Lama OL: Hari Bhakat Oli	**Diverse Materials & Applications** ***Chairs:*** *Vinay Kumar Jha (Nepal) & Surendra Gautam (Nepal)* OL: Ishwor Pathak OL: Dibyashree Shrestha OL: Deepa Humbahadur Gurung OL: Lokendra Kumar Mandal OL: Nabin Karki
1230-1330 h	**VALEDICTORY FUNCTION** **FELICITATION FUNCTION** **AWARD CEREMONY**		
1330-1430 h	**LUNCH**		

Day 1, Thursday, 01 November, 2018

REGISTRATION
(Pre Function Area)
Time 0800 h - Onwards

Opening Session
Chairs: Bhuvanesh Gupta (India), Atsushi Suzuki (Japan)

Inaugural Plenary TALK
Didier Letourneur (France)
Imaging and Treatment of Cardiovascular Diseases with Polysaccharides

APA Distinguished Award Ceremony
Seeram Ramakrishna (Singapore)
Nanotechnology and Nanofiber
Time: 0900-1035 h

Tea Break
Time: 1035-1100 h

Chairs: Didier Letourneur (France) & Seeram Ramakrishna (Singapore)

PLENARY TALK I
Atsushi Maruyama (Japan)
Functional Polymers for Biomolecular Engineering

PLENARY TALK II
Jaehoon Yu (Korea)
A Novel Class of Cell Penetrating Peptide to Deliver Biological Modulator into Eukaryotic Cells
Time: 1100-1250 h

Lunch
Time: 1300-1400 h

Session: Polymer Synthesis & Functionalization

Chairs: WJ Kim (Korea) & MV Badiger (India) Venue: Hall I

Time		Lecture Title/Author
1400-1425 h	KN:	Photopolymerization of a Biobased Monomer on Poly(ethylene terephthalate) Films with Antibacterial Properties **Philippe Roger** University Paris Sud, France
1425-1445 h	IL:	Disentangled Polyethylene (DPE): How is it Different and Useful **Madhukar Garg** Reliance Industries Limited, India
1445-1505 h	IL:	Biodegradable Hydrogels for Agricultural Farming - A Step Toward Green Revolution **Balbir Singh Kaith** Dr B R Ambedker National Institute of Technology, Jalandhar, India
1505-1515 h	OL:	Transformation of Carbon Dioxide by Schiff Base Metal Complexes and formation of Polycarbonate **Tungabidya Maharana** NIT Raipur, India
1515-1525 h	OL:	Mono-, Bi-metallic Alkoxide Complexes for Ring Opening Polymerization of Lactide **Alekha Kumar Sutar** Ravenshaw University, India

Session **Polymeric Biomaterials & Bioengineering**

Chairs: Atsushi Maruyama (Japan) & Manjeet Jassal (India) Venue: Hall II

Time		Lecture Title/Author
1400-1425 h	KN:	Superior Swelling and Mechanical Properties of Poly(vinyl alcohol) Hydrogels **Atsushi Suzuki** Yokohama National University, Japan
1425-1445 h	IL:	Coating of Cotton Fabric with Silver Doped TiO_2 for Wash Durable UV Protective and Antibacterial Properties **Bhupendra Singh Butola** Indian Institute of Technology Delhi, India
1445-1505 h	IL:	Site-selective Chemical Conjugation onto Antibodies **Sang J. Chung** Sungkyunkwan University, Korea (south)
1505-1515 h	OL:	Hybrid Layered Electrospun Vascular Graft based on Gelatin for Small Diameter Blood Vessel Regeneration **Jincy Joy** Indian Institute of Technology Delhi, India
1515-1525 h	OL:	Development of Asymmetric Periodic Patterns of Calcium Phosphate in Hydrogels **Min Kyung Jo** Korea National University of Education, Korea (south)

Session **Nanomaterials & Nanotechnologies**

Chairs: Junsang Doh (Korea) & Mangala Joshi (India) Venue: Hall III

Time		Lecture Title/Author
1400-1425 h	KN:	Nanocomposite Gels by Initiator-Free Photopolymerization: Role of Plasma-Treated Clay in the Synthesis and Network Formation **Kazutoshi Haraguchi** Nihon University, College of Industrial Technology, Japan
1425-1445 h	IL:	$Ni0_5$ $Zn0_5$ Fe_2O_4 @ Polyaniline Nanocomposite - an Efficient Green Catalyst as well as Catalyst Activator for Water Remediation **Uttam Kumar Mandal** Guru Gobind Singh Indraprastha University, India
1445-1505 h	IL:	Nanoengineering of Bioactive Gels for Human Healthcare **Sadiya Anjum (YRA Award Talk)** Indian Institute of Technology Delhi, India
1505-1515 h	OL:	Centrifugal Spinning: Pros and Cons in Nanofibre Spinning **Shamayita Patra** Shri Vaishnav Institute of Textile Technology, SVVV, India
1515-1525 h	OL:	Biogenic Carbon dots for Detection and Removal of Water Pollutants **Gitanjali Majumdar** Assam Engineering College, India

Poster Session / Tea
Chairs: Balbir Singh Kaith (India) & MR Pokherel (Nepal)
Committee Members: Shamayita Patra, S. Viju, Tungabidya Maharana, Mudrika Khandelwal
Time: 1530-1730 h

Inauguration Ceremony
Time: 1745-1845 h

Conference Dinner
Time: 1900-2200 h

Day 2, Friday, 02 November, 2018

REGISTRATION
(Pre Function Area)
Time 0800 h -Onwards

Chairs: Atsushi Suzuki (Japan) & Rama S Verma (India)

PLENARY TALK III
Joëlle AMEDEE VILAMITJANA (France)
Multicellularization of Polymers for Bone Tissue Engineering

PLENARY TALK IV
Manohar V Badiger (India)
Nanoparticles in Hydrogels for Controlled Drug Delivery. Cellular uptake and Catalytic Applications

Time: 0915-1035 h

Tea Break
Time: 1035-1100 h

Session **Biopolymers & Bioengineering**

Chairs: Jaehoon Yu (Korea) & HyeJi Kim (korea) Venue: Hall I

Time		Lecture Title/Author
1100-1125 h	KN:	Metal-clay nanocomplex reinforced Polyethylene Nanocomposites: An Excellent Antimicrobial and Cytocompatible Material **Mangala Joshi** IIT Delhi, India
1125-1145 h	IL:	Cationic Nanorods; Promote Angiogenic Activities of Endothelial Cells and Enhancing Mechanical Properties of Natural Polymeric Hydrogels for Tissue Regeneration **Il Keun Kwon** Kyung Hee University, Korea (south)
1145-1205 h	IL:	Biopolymers in Human Healthcare **Bhuvanesh Gupta** IIT Delhi, India
1205-1225 h	IL:	Fermentation Derived Cellulose for Electronics, Healthcare and Food Packaging **Mudrika Khandelwal** IIT Hyderabad, India
1225-1235 h	OL:	Fabrication of CMC-Guargum Silver Nanocomposite Films for Inactivation of Food Borne Bacteria **Vimala Kanikireddy** Osmania University, India
1235-1245 h	OL:	Smart Nanogels by Graft Functionalization of Tragacanth Gum **Chetna Verma** Shoolini University, India

Session Polymer for Advanced Technology

Chairs: Virendra Kumar Gupta (India) & W.J. Kim (Korea) Venue: Hall II

Time		Lecture Title/Author
1100-1125 h	KN:	Polymer/Doped Graphene-Based Composites as Electrode Materials for Supercapacitor **Satyendra Mishra** North Maharashtra University, Jalgaon, India
1125-1145 h	IL:	Discovery of Protein Ligands from Polymer Bead Bound Libraries **Hyun-Suk Lim** Pohang University of Science and Technology, Korea (south)
1145-1205 h	IL:	Polymeric Material-Based Platforms for the Evaluation of Lymphocyte Cytotoxicity Against Tumor Cells **Junsang Doh** POSTECH, Korea (south)
1205-1225 h	IL:	Analysis and Improvement of Present Anti Riot Body Protector **Manjeet Singh Parmar** Northern India Textile Research Association, India
1225-1235 h	OL:	Impact of Solvent Nature on Rheology & Electrospinning Behavior of Poly (Vinyl Alcohol) **Deepika Gupta** Indian Institute of Technology, India
1235-1245 h	OL:	Electrospun Salicylic Acid/Polyurethane Composite Nanofiber Membrane: Preparation, Characterization, and Biomedical Applications **Bishweshwar Pant** Inha University, Korea (south)

Session Smart & Functional Polymers

Chairs: Ram Narayan Jha (Nepal) & Sang J. Chung (Korea) Venue: Hall III

Time		Lecture Title/Author
1100-1125 h	KN:	Silver Nanowire-Polyacrylonitrile Hollow Fibers for Flexible Supercapacitors **Manjeet Jassal** IIT Delhi, India
1125-1145 h	IL:	Treatment of Industrial Effluents by using Biopolymers from Waste Materials **Bindra Shrestha** Tri-Chandra Multiple Campus, Nepal
1145-1205 h	IL:	Polyurethane Based Polymer Concrete **Hemant V. Joshi** Maharashtra Institute of Technology, Pune, India
1205-1225 h	IL:	Polymers and Polymerization on the Surfaces of Living Cells **Sung Ho Yang** Korea National University of Education, Korea (south)
1225-1235 h	OL:	Effect of Treated Natural Fibers on Morphology, Thermal, Mechanical and Water Absorption Behaviour of Lignocelluloses Polymer Composites **Netra Lal Bhandari** Tri-Chandra Campus, Tribhuvan University, Nepal
1235-1245 h	OL:	Effect of Polymer-Induced Liquid Phase to Crystallization of Calcium Phosphate in Hydrogels **Mi Young Moon** Korea National University of Education, Korea (south)

Lobby
Student Wisdom Contest

Session Novel Materials & Innovations

Chairs : Kedar Nath Ghimere (Nepal) & Satyendra Mishra (India) Venue: Hall I

Time		Lecture Title/Author
1400-1425 h	KN:	Design of Molecular Architecture of Polypropylene for Niche Applications **Virendra Kumar Gupta** Reliance Industries Limited, India
1425-1445 h	IL:	Polytetrafluoroethylene (ptfe) Quality - State-of-the-art Technologies **Jitendra Kumar Rathour** Gujarat Fluorochemicals Ltd, India
1445-1505 h	IL:	Reaction Characteristics of Polymer at Very Dilute Solution **Sunit Hendrana** Indonesian Institute of Sciences (LIPI), Indonesia
1505-1525 h	IL:	Studies on Thermoformability of Polypropylene Sheets **Satish Kommoji** UPES, India
1525-1535 h	OL:	New Possibilities with Modern Rheometers **Arun Singh** Anton Paar India Pvt. Ltd., India
1535-1545 h	OL:	Functionalization of Nettle Fibers for Oil Spill Cleanups **S Viju** PSG College of Technology, Coimbatore, India
1545-1555 h	OL:	Plastic Waste Recycling by Thermo-Catalytic Pyrolysis: Production of Energy Products **János Sója** MOL Department of Hydrocarbon & Coal Processing, University of Pannonia Hungary

Session Biomaterials & Bioengineering

Chairs: Sung Ho Yang (Korea) & Niranjan Parajuli (Nepal) Venue: Hall II

Time		Lecture Title/Author
1400-1425 h	KN:	An overview of Microbial Biopolymers for Food and Pharmaceutical Application **Rathindra Mohan Banik** IIT BHU, Varanasi
1425-1445 h	IL:	Bioengineered Human Tissues for Transplantation **Biman B Mandal** IIT Guwahati, India
1445-1505 h	IL:	Tea-Carbon Dots-Reduced Graphene Oxide: An Efficient Conducting Coating Material for Fabrication of an E-Textile **Devasish Chowdhury** Institute of Advanced Study in Science and Technology, India
1505-1525 h	IL:	Bioactive Polyelectrolyte Based Polymer/Inorganic Porous Composite Scaffold for Bone Tissue Engineering **Bhisham Narayan Singh** IIT BHU, India
1525-1535 h	OL:	Oxygen Releasing Polymeric Wound Dressing for Diabetic and Infectious Wound Healing **Parvaiz Ahmad Shiekh** Indian Institute of Technology Kanpur, India
1535-1545 h	OL:	Extraction of Cellulose Nano Fibril from Khus Fiber using Steam Explosion Method **J Ronald Aseer** Galgotias University, India
1545-1555 h	OL:	Energy Generation from Polymeric Waste Pyrolysis through Nanocatalytic Route: A Viable Environmental Waste Management Technique **Poushpi Dwivedi** Indian Institute of Technology (B.H.U.), India

Session **STUDENT CONCLAVE: Springer Oral Contest**

***Jurry Members**: Philippe Roger(Chair), Joëlle AMEDEE VILAMITJANA, Atsushi Suzuki, Junsang Doh* Venue: Hall III

Time	Lecture Title/Author
1400-1415 h	Silk Fibroin Hydrogel as an Affordable Alternative Solution for Treatment of Third Degree Burn Wounds **Dimple Chouhan** Indian Institute of Technology Guwahati, India
1415-1430 h	Burning Behavior Nylon Fabrics and Flame Retardancy thereof **Prasun Mathur** IIT Delhi, India
1430-1445 h	Hydrothermal Synthesis of 2-D $MoSe_2$ Decorated Platinum Nanoparticles for the Colorimetric Detection of the Glutathione **Priya Singh** SMST IIT BHU, India
1445-1500 h	Design and Development of Polymer based Guidance Channels Mimicking Nerve Architecture for Peripheral Nerve Regeneration **Anamika** Indian Institution of Technology Kanpur, India
1500-1515 h	Colorimetric Sensing of Glucose based on Peroxidase Mimicking Graphene Quantum Dots from Wood Charcoal **Ravi P Ojha** Indian Institute f Technology (Banaras Hindu University), India
1515-1530 h	Synthesis, Characterization of PMMA-co-BA/capric Acid Solid-Liquid Phase Change Material for Thermal Energy Storage. **Amol Tarachand Naikwadi** Institute of Chemical Technology, Mumbai, India
1530-1545 h	Isolation and Characterization of Cellulose Canofibrills from Pineapple Peel Waste **Jyoti Agarwal** Larpm Cipet, India
1545-1600 h	Preparation and Characterization of Microcrystalline Cellulose fibre [MCC] Reinforced Poly lactic acid [PLA] and Linear Low Density Polyethylene [LLDPE] Polyblend composites **Siddharth Mohan Bhasney** Indian Institute of Technology Guwahati, India

TEA BREAK
Time: 1600-1630 h

Chairs: Philippe Roger (France) & Amar Yadav (Nepal)

Young Scientist Award Lecture : Won Jong Kim (Korea)
Pohang Univ of Sci & Tech (POSTECH), Pohang, Korea
Time: 1630-1700 h

APA General Body Meeting
Time: 1700-1730 h

Day 3, Saturday, 03 November, 2018

Plenary Session

Chairs: Kazutoshi Haraguchi (Japan) & Ashok Kumar (India)

PLENARY TALK V
Rama S Verma (India)
Effect of the Molecular Weight of Metal-Free Alternating Polyester Based Nanomaterials on cancer drug delivery

PLENARY TALK VI
Vinay Kumar Jha (Nepal)
Existing Scenario and Forthcoming Prospective of Geopolymer Technology

Time: 0915-1035 h

Tea Break
Time: 1035-1100 h

Session **Diverse Materials & Applications**

Chairs: Sunit Henderana (Indonesia) & Biman Mandal (India) Venue: Hall I

Time		Lecture Title/Author
1100-1110 h	OL:	Diffusion-Controlled Crystallization of Calcium Phosphate in Hydrogels **HyeJi Kim** Korea National University of Education, Korea (south)
1110-1120 h	OL:	Isolation and Characterization of Cellulose Nanofibrills from Pineapple Peel Waste **Jyoti Agarwal** LARPM CIPET, India
1120-1130 h	OL:	Effect of Na-K Tartarate on the Electropolymerization of Pyrrole onto Mild Steel **Sanjay Singh** Tribhuvan University, Kirtipur, Kathmandu, Nepal
1130-1140 h	OL:	Comparative Study on Chemical characterization of dew water during winter time at Central region of IGP, India **Barsha Lekhi** Jawaharlal Nehru University, New Delhi, India
1140-1150 h	OL:	Electropolymerization of Aniline onto Mild Steel Using Benzoic Acid as Electrolytes and Its Morphological Study **Dipak Kumar Gupta** Tribhuvan University, Kirtipur, Kathmandu, Nepal

Session **Diverse Materials & Applications**

Chairs: BS Butola (India) & J K Rathour (India) Venue: Hall II

Time	Lecture Title/Author
1100-1110 h	OL: Water Quality Assessment of Mlamchi River **Rajan Timilsina** Melamchi Water Supply and Development Board, Nepal
1110-1120 h	OL: Bark Extract of Euphorbia Royleana as Green Corrosion Inhibitor on Mild Steel in 1 M HCl **Bishal Thapa** Tri-Chandra Multiple Campus, Nepal
1120-1130 h	OL: Lantana camara Bark Extract as Green Corrosion Inhibitor for Mild Steel in 1M Hydrochloric Acid **Prem Raj Shrestha** Tri-Chandra Campus, Nepal
1130-1140 h	OL: Corrosion Inhibition of Mild Steel in Acidic Medium by High Altitude Plant Extracts **Roshan Lama** Tribhuvan University, Kirtipur, Kathmandu, Nepal
1140-1150 h	OL: Synthesis and characterization of CuNPs by using juice of Zingiber Officinale **Hari Bhakat Oli** Amrit campus , Tribhuvan University, Nepal

Session **Diverse Materials & Applications**

Chairs: Vinay Kumar Jha (Nepal) & Surendra Gautam (Nepal) Venue: Hall III

Time	Lecture Title/Author
1100-1110 h	OL: Biological and Chemical Studies of Essential Oil from Vitex Negundo of Nepalese origin **Ishwor Pathak** Amrit campus , Tribhuvan University, Nepal
1110-1120 h	OL: Wood Derived Nanoporous Activated Carbon, a Promising Material for Supercapacitor **Dibyashree Shrestha** Patan Mutiple Campus, Lalitpur, Nepal
1120-1130 h	OL: Synthesis of Geopolymer from coal fly ash and its comparative study with ordinary fly ash based cement available in kathmandu market **Deepa Humbahadur Gurung** Tribhuvan University, Kirtipur, Kathmandu, Nepal
1130-1140 h	OL: Synthesis, Characterization, and Antimicrobial Study of Oxovanadium(IV) Complexes with Triazole Derived Schiff's Bases **Lokendra Kumar Mandal** Tribhuvan University, Kirtipur, Kathmandu, Nepal
1140-1150 h	OL: Study of Extract of Berberis Aristata as Green Corrosion Inhibitor in Acidic Media in Mild Steel of Nepal **Nabin Karki** Tribhuvan University, Kirtipur, Kathmandu, Nepal

VALEDICTORY FUNCTION
FELICITATION FUNCTION
AWARD CEREMONY
Time: 1230-1330 h

Lunch
Time: 1330-1430 h

POSTER PRESENTATIONS

Chairs: *Balbir Singh Kaith (India) & MR Pokherel (Nepal)*

1st November, 2018

Time: 1530-1730 h

Abs No.	Title	Presenting Author	Institute	City
30	Surface Modification of PVA/ Chitosan Biocomposite Films by Cold Plasma Technology for Biological Studies	Ganeswar Dalei	Ravenshaw University	Cuttack
40	Synthesis and Characterization of Acid Doped Polyaniline for Super Capacitor Application	Santosh Bhattarai	Tri-Chandra Campus	Kathmandu
45	PVA Cross-linked Gel for Improving Sweep Efficiency and Water Shut-off Jobs in Hydrocarbon Bearing Reservoirs	Reena	Rajiv Gandhi Institute of Petroleum Technology	Amethi
46	Synthesis and Characterization of Activated Carbon Zeolite Composite from Coal Fly Ash for Pb (II) Removal from Aqueous Solution	Mahesh Regmi	Tribhuvan University	Kathmandu
47	Synthesis of Red Mud Based Geopolymers for the Replacement of OPC	Sanjaya Dahal	Tri-Chandra Multiple Campus	Kathmandu
56	Formation of Polyaniline Grafted Chitosan by Chemical and Electrochemical Process	Deepshikha Rai	Tribhuvan University	Kathmandu
58	Corrosion Inhibition of Jatropha Curcas Bark Extract on Mild Steel of Nepal	Anita Kafle	Tri-Chandra Multiple Campus	Kathmandu
62	Adsorptive Removal of Pb(II) ions from Aqueous Solution by Activated Carbon Prepared from Cabbage Waste	Keshav Raj Paneru	Tribhuvan University	Kathmandu
64	Rapid Formation of Self-assembled Highly Oriented Polythiophene Film through Floating Film Transfer Method	Subhajit Jana	IIT(BHU) Varanasi	Varanasi
65	Direct Synthesis of Highly Photoluminiscent S-doped Carbon Nitride dots by Thermal Treatment	Aniruddha Jaiswal	IIT BHU	Varanasi
72	Silk Fibroin Hydrogel as an Affordable Alternative Solution for Treatment of Third Degree Burn Wounds	Dimple Chouhan	IIT Guwahati	Guwahati
74	Porous Carbon and Conductive Polymer Composite for Supercapacitive Application	Shweta Pal	IIT BHU	Varanasi
84	Burning Behavior Nylon Fabrics and Flame Retardancy thereof	Prasun Mathur	IIT Delhi	New Delhi
97	Electro-oxidation of Formic Acid by Polycarbazole/WO3 Nanocomposite Modified Electrode	Ajay Kumar	IIT BHU	Varanasi
112	Rejuvenation of Recycled Polycarbonate with Ethylene Methyl Acrylate for Enhancement of Impact properties.	Rohit Shivaji Tarade	Institute of Chemical Technology	Mumbai
114	Synthesis, Characterization of PMMA-co-BA/capric Acid Solid-Liquid Phase Change Material for Thermal Energy Storage	Amol Naikwadi	Institute of Chemical Technology	Mumbai

Abs No.	Title	Presenting Author	Institute	City
115	Colorimetric Sensing of Glucose based on Peroxidase Mimicking Graphene Quantum dots from Wood Charcoal	Ravi Prakash Ojha	IIT BHU	Varanasi
139	To Prepare Low Cost Adsorbent Materials from Chicken Bones And Study The Removal of Toxic Ions (Lead And Arsenic) from Synthetic Wastewater	Rita Upreti	Tribhuvan University	Kathmandu
194	Preparation and Characterization of Nanoparticles Based Electrochemical Sensor for Cu (II)	Harish chand Yadav	Tri-Chandra Multiple Campus	Kathmandu
195	A Comparative study of Conductance of Sodium Dodecyle Sulphate(SDS) in Different Percentage of Ethanol Water Mixed Solvent Media at 298.15 K Temperature	Chandradip Kumar Yadav	Dhankuta Multiple Campus	Dhankuta
200	Synthesis and Characterization of Polymer based Graphene Quantum Dots, Graphene Oxide Composite	Praveen Mishra	National Instiute of Technology Karnataka	Mangalore
206	Creating PolyHIPEs through HIPE Generation in a Novel Co-flow Device	Ajmera Sanketh Kumar	IIT Delhi	New Delhi
207	Synthesis of Superabsorbent Polymers (SAPs) from Agro-wastes and Water hyacinth	Ram Jeewan Yadav	Tribhuvan University	Pokhara
220	Aquatic Toxicity from Pulp and Paper Mill Effluents with Reference to Water Toxicity Parameters	Ram P. Yadav	J.S.M.M. Campus	Lahan
225	Hydrothermal Synthesis of 2-D $MoSe_2$ Decorated Platinum Nanoparticles for the Colorimetric Detection of the Glutathione	Priya Singh	SMST IIT BHU	Varanasi
233	Synthesis, Characterization, and Electrochemical Performances of Carbon Nanofibers Wrapped with Zinc Oxide Nano-flakes	Eun-Jung Lee	Chonbuk National University	Jeonju
235	Nitrogen-rich and Triptycene based Porous Polymers for Efficient Gas Storage and Selective CO_2 Capture	Ranajit Bera	IIT Patna	Patna
246	Electrophoretic Patterning of Polyaniline Film on Titania Nanotubes Applied for Bone Tissue Engineering	Bishnu K Shrestha	Chonbuk National University	Jeonju
252	Photocatalytic Degradation and Antibacterial Investigation of Nano Synthesized Ag_3VO_4 Particles @PAN Panofibers	Prem Singh Saud	Kailali multiple campus	Dhangadhi
273	Morphology and Crystallinity of Biodegradable Poly (lactic acid)/Poly (butylene succinate) Blends and Effect of Modified Chitosan studied via Synchrotron X-Ray Scattering and DSC	Pankaj Boruah	IIT Guwahati	Guwahati
	Synthesis and Characterization of Layered Double Hydroxide Mg–Al	Raj Bahadur Baduwal	Tribhuvan University	Kathmandu

LIST OF DELEGATES

Sl No.	Name	Institute	City	Country
1	Ajay Kumar	IIT BHU	Varanasi	India
2	Ajmera S Kumar	IIT Delhi	New Delhi	India
3	Alekha Kumar Sutar	Ravenshaw University	Cuttack	India
4	AMEDEE Joëlle	University of Bordeaux	Bordeaux	France
5	Amol T Naikwadi	Institute of Chemical Technology	Mumbai	India
6	Amrit Ojha	Tribhuvan University	Kathmandu	Nepal
7	Anamika	IIT Kanpur	Kanpur	India
8	Aniruddha Jaiswal	IIT BHU	Varanasi	India
9	Anita Kafle	Tri-Chandra Multiple Campus	Kathmandu	Nepal
10	Anju Kumari Das	Amrit Campus , TU	Kathmandu	Nepal
11	Ashraf Idrishee	Tribhuvan University	Kathmandu	Nepal
12	Atsushi Maruyama	Tokyo Institute of Technology	Yokohama	Japan
13	Atsushi Suzuki	Yokohama National University	Yokohama	Japan
14	Balbir Singh Kaith	Dr B R Ambedker National Inst. of Technology	Jalandhar	India
15	Barsha Lekhi	Jawaharlal Nehru University, New Delhi	Kathmandu	Nepal
16	Bhisham N Singh	IIT BHU	Varanasi	India
17	Bhupendra S Butola	IIT Delhi	New Delhi	India
18	Bhuvanesh Gupta	IIT Delhi	New Delhi	India
19	Biman B Mandal	IIT Guwahati	Guwahati	India
20	Bindra Shrestha	Tri-Chandra Multiple Campus	Kathmandu	Nepal
21	Bishal Thapa	Tri-Chandra Multiple Campus	Kathmandu	Nepal
22	Bishnu Dawadi	Tribhuvan University	Kathmandu	Nepal
23	Bishnu K Shrestha	Chonbuk National University	Jeonju	Korea (south)
24	Bishweshwar Pant	Inha University	Incheon	Korea (south)
25	Chandradip K Yadav	Dhankuta M Campus	Dhankuta	Nepal
26	Chetna Verma	Shoolini University	Solan	India
27	Deepa H Gurung	Tribhuvan University	Kathmandu	Nepal
28	Deepika Gupta	IIT Delhi	Delhi	India
29	Deepshikha Rai	Tribhuvan University	Kathmandu	Nepal
30	Devasish Chowdhury	Inst. of Advanced Study in Science &Technology	Guwahati	India

Sl No.	Name	Institute	City	Country
31	Dibyashree Shrestha	Patan Mutiple Campus	Lalitpur	Nepal
32	Didier Letourneur	Inserm	Paris	France
33	Dimple Chouhan	IIT Guwahati	Guwahati	India
34	Dipak Kumar Gupta	Tribhuvan University	Kathmandu	Nepal
35	Eun-Jung Lee	Chonbuk National University	Jeonju	Korea (south)
36	Ganeswar Dalei	Ravenshaw University	Dhenkanal	India
37	Gitanjali Majumdar	Assam Engineering College	Guwahati	India
38	Hari Bhakat Oli	Tribhuvan University	Kathmandu	Nepal
39	Harish chand Yadav	Tri-Chandra Multiple Campus	Kathmandu	Nepal
40	Hemant V. Joshi	Maharashtra Institute of Technology	Pune	India
41	HyeJi Kim	Korea National University of Education	Cheongju-si	Korea (south)
42	Hyun-Suk Lim	Pohang University of Science and Technology	Pohang	Korea (south)
43	Il Keun Kwon	Kyung Hee University	Seoul	Korea (south)
44	Ishwor Pathak	Tribhuvan University	Kathmandu	Nepal
45	J Ronald Aseer	Galgotias University	Gr. Noida	India
46	Jaehoon Yu	Seoul National University	Seoul	Korea (south)
47	Jana Kovacova	Unipetrol Centre for Research and Education	Usti nad Labem	Czech Republic
48	János Sója	University of Pannonia	Veszprém	Hungary
49	Jincy Joy	IIT Delhi	New Delhi	India
50	Jitendra K Rathour	Gujarat Fluorochemicals Ltd	Bharuch	India
51	Junsang Doh	POSTECH	Pohang	Korea (south)
52	Jutika Goswami	Assam Engineering College	Guwahati	India
53	Jyoti Agarwal	LARPM CIPET	Bhubaneswar	India
54	Kazutoshi Haraguchi	Nihon University	Narashino	Nepal
55	Keshav Raj Paneru	Tribhuvan University	Kathmandu	Nepal
56	Kismat Nepal	Tribhuvan University	Kathmandu	Nepal
57	Lokendra K Mandal	Tribhuvan University	Kathmandu	Nepal
58	Mahesh Regmi	Tribhuvan University	Kathmandu	Nepal
59	Mangala Joshi	IIT Delhi	New Delhi	India
60	Manjeet Jassal	IIT Delhi	New Delhi	India

Sl No.	Name	Institute	City	Country
61	Manjeet Singh Parmar	Northern India Textile Research Association	Ghaziabad	India
62	Manju Budha	Tri-Chandra Multiple Campus	Kathmandu	Nepal
63	Manohar V. Badiger	CSIR-National Chemical Laboratory	Pune	India
64	Mi Young Moon	Korea National University of Education	Cheongju-si	Korea (south)
65	Min Kyung Jo	Korea National University of Education	Cheongju-si	Korea (south)
66	Mira Park	Chonbuk National University	Jeonju	Korea, South
67	Mudrika Khandelwal	IIT Hyderabad	Hyderabad	India
68	Nabin Karki	Tribhuvan University	Kathmandu	Nepal
69	Netra Lal Bhandari	Tribhuvan University	Kathmandu	Nepal
70	Pankaj Boruah	IIT Guwahati	Guwahati	India
71	Parvaiz Ahmad Shiekh	IIT Kanpur	Kanpur	India
72	Philippe ROGER	University Paris Sud	Orsay	France
73	Poushpi Dwivedi	IIT BHU	Varanasi	India
74	Prasun Mathur	IIT Delhi	New Delhi	India
75	Praveen Mishra	NIT Karnataka	Mangalore	India
76	Prem Gaudel	Tribhuvan University	Kathmandu	Nepal
77	Prem Raj Shrestha	Tri-Chandra Campus	Kathmandu	Nepal
78	Prem Singh Saud	Kailali Multiple Campus	Dhangadhi	Nepal
79	Priya Singh	SMST IIT BHU	Varanasi	India
80	Raj Bahadur Baduwal	Tribhuvan University	Kathmandu	Nepal
81	Rajan Timilsina	Melamchi Water Supply & Development Board	Kathmandu	Nepal
82	Ram Jeewan Yadav	Tribhuvan University	Pokhara	Nepal
83	Ram Prabodh Yadav	J S M M Campus	Lahan	Nepal
84	Rama S Verma	IIT Madras	Chennai	India
85	Ranajit Bera	IIT Patna	Patna	India
86	Ravi Prakash Ojha	IIT BHU	Varanasi	India
87	Reena	Rajiv Gandhi Institute of Petroleum Technology	Varanasi	Varanasi
88	Rita Upreti	Tribhuvan University	Kathmandu	Nepal
89	Ritu Dubey	Tribhuvan University	Kathmandu	Nepal
90	Rohit Shivaji Tarade	Institute of Chemical Technology	Mumbai	India

Sl No.	Name	Institute	City	Country
91	Roshan Lama	Tribhuvan University	Kathmandu	Nepal
92	Sadiya Anjum	IIT Delhi	New Delhi	India
93	Saket S. Wani	Maharashtra Institute of Technology	Pune	India
94	Sang J. Chung	Sungkyunkwan University	Suwon	Korea (south)
95	Sanjay Singh	Tribhuvan University	Kathmandu	Nepal
96	Sanjaya Dahal	Tri-Chandra Multiple Campus	Kathmandu	Nepal
97	Santosh Bhattarai	Tri-Chandra Campus	Kathmandu	Nepal
98	Satish Kommoji	UPES	Dehradun	India
99	Satyendra Mishra	North Maharashtra University	Jalgaon	India
100	Seeram Ramakrishna	National University of Singapore	Singapore	Singapore
101	Shamayita Patra	Shri Vaishnav Institute of Textile Technology	Indore	India
102	Shilpa Gurung	Tri-Chandra Multiple Campus	Kathmandu	Nepal
103	Shiv Koju	Tri-Chandra Multiple Campus	Kathmandu	Nepal
104	Shweta Pal	IIT BHU	Varanasi	India
105	Siddharth M Bhasney	IIT Guwahati	Jeonju	India
106	Subhajit Jana	IIT BHU	Varanasi	India
107	Sudip Basnet	Tri-Chandra Multiple Campus	Kathmandu	Nepal
108	Sung Ho Yang	Korea National University of Education	Cheongju-si	Korea (south)
109	Sunit Hendrana	Indonesian Institute of Sciences (LIPI)	Tangerang Selatan	Indonesia
110	Tungabidya Maharana	NIT Raipur	Raipur	India
111	Umesh Yadav	Thakur Ram Multiple Campus	Birganj	Nepal
111	Uttam Kumar Mandal	Guru Gobind Singh Indraprastha University	New Delhi	India
113	Viju S	PSG College of Technology	Coimbatore	India
114	Vimala Kanikireddy	Osmania University	Hyderabad	India
115	Vinay Kumar Jha	Tribhuvan University	Kathmandu	Nepal
116	Virendra K Gupta	Reliance Industries Limited	Navi Mumbai	India
117	Vivek Subedi	Tribhuvan University	Kathmandu	Nepal
118	Won Jong Kim	Postech	Pohang	Korea (south)
119	Rathindra M Banik	IIT BHU	Varanasi	India

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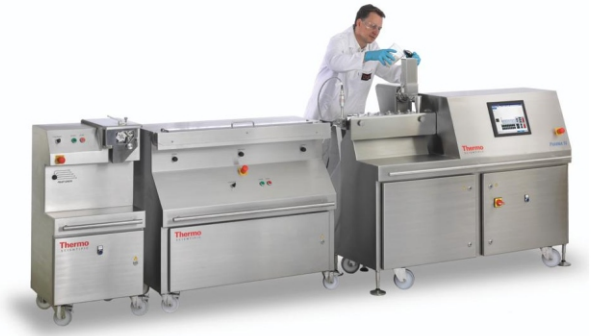

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About
Nepal Chemical Society

Nepal Chemical Society (NCS), established in 1979 is a national voluntary non-profit association of all the chemistry professionals of Nepal. At present, it has over 1200 members from different universities, colleges, research institutions, chemical industries and government organizations.

The society is dedicated to contribute for the overall progress and prosperity of the nation by promoting the research activities and capabilities as well as the quality of chemical education of the country. The NCS is equally devoted to strengthen the ties among chemists and chemical technologists working in different academic and research institutions, industries and government bodies to enhance their overall well-being.

The aims and objectives of the society

- To enhance, develop and promote the advancement of chemistry and the interests of professional chemists in Nepal
- To develop chemistry related technologies and implement those to the benefit of the society.
- To act as forum for the discussion and debate of the recent developments of chemical researches.
- To create and promote research environments.
- To encourage organizations and individuals to contribute to the nation through the works in chemistry and related fields.
- To promote unity, friendship and cooperation among chemists and safeguard their prestige and professional interests.
- To promote collaboration and interactions among universities, research institutions and government bodies and hence utilize the capacity of the chemists for the benefit of the country.
- To develop relations with International Professional Societies for the development of chemistry in Nepal.

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Email: secretariat@asianpolymer.org

Life Membership

Category		From Abroad	From India
Life Member	Institutes/Others	Euro 100	Rs 3,000
	Industries	Euro 200	Rs 5,000
Corporate Member		Euro 2,000	Rs 1,00,000

Membership Cheques may be drawn in favour of **Asian Polymer Association** payable at New Delhi, India

The bank transfers may also be accepted to the following bank.

Account No: 30171935242
Swift Code: SBININBB547
IFSC: SBIN0001077
Name of the bank: State Bank of India, IIT Branch, New Delhi, India