

Tentative Schedule
SoCTA-2021 (17-19 Dec, 2021)



December 17, 2021



10:00 AM –
11:45 AM

INAUGURATION (<http://www.thrivext.com/socta>)

Chief Guest: Prof. M. P. Poonia, Vice Chairman, AICTE

Patron: Prof. A. P. S. Rathore, Director, MNIT Jaipur;

Co-Patron: Prof. A. K. Vyas, Coordinator (IIIT Kota)

Co-Patron: Prof. Vijay Janyani, Coordinator (IIIT Kota)

Co-Patron: Prof. Khaleequr Rehman Niazi, Registrar, MNIT Jaipur

Guest of Honor(s):

Prof. R. K. Garg, Director In-charge, Dr. B. R. Ambedkar NIT Jalandhar;

Prof. Ranjit Singh, Vice Chancellor, Shobhit University;

Prof. Seyedali Mirjalili, Professor and Director, Centre for Artificial Intelligence Research and Optimization, Torrens University Australia;

Mr. Naveen Kumar, Scientist D, Joint Director, Ministry of Electronics and Information Technology;

Mr. Aninda Bose, Executive Editor, Springer Nature;

Prof. Rajesh Kumar, Department of Electrical Engineering, MNIT Jaipur

Program and Organizing Chair (s):

Dr. Anand Agrawal, IIIT Kota; **Dr. Tarun K. Sharma**, Shobhit University; **Dr. Om P. Verma**, **Dr. B. R. Ambedkar NIT Jalandhar**

LINK: <http://www.thrivext.com/socta>

11:45 AM –
12:00 PM

TEA-BREAK

12:00 PM –
01:00 PM

PLENARY TALK – I

Mr. Aninda Bose

Executive Editor, Springer Nature

Google meet link: meet.google.com/tpa-mwwi-hsj

01:00 PM

LUNCH BREAK

02:00 PM –
03:00 PM

PLENARY TALK – II

Prof. Seyedali Mirjalili

Professor and Director, Centre for Artificial Intelligence Research and Optimization, Torrens University Australia

Google meet link: meet.google.com/ooo-zwnp-acs

03:15 PM – 04:00 PM	<p style="text-align: center;">Track-1</p> <p style="text-align: center;">meet.google.com/sju-zhuk-umt</p>	<p style="text-align: center;">Track-2</p> <p style="text-align: center;">meet.google.com/yxu-rusz-tmx</p>	<p style="text-align: center;">Track-3</p> <p style="text-align: center;">meet.google.com/ydk-ssva-tbb</p>	<p style="text-align: center;">Track-4</p> <p style="text-align: center;">meet.google.com/ztu-yups-iox</p>
	<p style="text-align: center;">Application of Soft Computing and Optimization Techniques</p>	<p style="text-align: center;">Soft Computing in Deep Learning</p>	<p style="text-align: center;">Soft Computing in Machine Learning</p>	<p style="text-align: center;">Fuzzy Logic based Systems and Soft Computing</p>
	<p style="text-align: center;">SOCTA_2021025, SOCTA_2021030, SOCTA_2021059, SOCTA_2021066</p>	<p style="text-align: center;">SOCTA_2021017, SOCTA_2021024, SOCTA_2021119, SOCTA_2021148</p>	<p style="text-align: center;">SOCTA_2021033, SOCTA_2021046, SOCTA_2021073, SOCTA_2021131</p>	<p style="text-align: center;">SOCTA_2021007, SOCTA_2021044, SOCTA_2021137, SOCTA_2021162</p>
04:00 PM – 04:30 PM	BREAK			
04:30 PM – 05:30 PM	<p>PLENARY TALK – III</p> <p>Prof. Rajesh Kumar</p> <p>Department of Electrical Engineering Malaviya National Institute of Technology, Jaipur</p> <p>Title of the Talk: PC-GNN: Pearson Correlation based Graph Neural Network for Human Lower Limb Activity Recognition</p> <p>Google meet link: meet.google.com/tpa-mwwi-hsj</p>			
December 18, 2021				
10:00 AM – 11:00 AM	<p>PLENARY TALK – IV</p> <p>Dr. Ali Sadollah</p> <p>Department of Mechanical Engineering, University of Science and Culture, Tehran, Iran</p> <p>Google meet link: meet.google.com/tpa-mwwi-hsj</p>			
11:01 AM – 11:15 AM	Break			
11:16 AM – 12:15 PM	<p>PLENARY TALK – V</p> <p>Prof. A.K.Khosla</p> <p>Department of Electronics and Communication, Head center of Artificial Intelligence , Dr. B. R. Ambedkar NIT Jalandhar</p>			

	Google meet link: meet.google.com/ooo-zwnp-acz			
12:16 AM – 12:45 PM	Track-5 meet.google.com/raw-sjzh-vca	Track-6 meet.google.com/tqm-gqad-hnf	Track-7 meet.google.com/mki-awgz-qun	Track-8 meet.google.com/jhz-wise-zgh
	Applications of Soft Computing Techniques	Soft Computing Role in Encryption and Security Algorithms	Data Science and Artificial Intelligence	Role of Soft Computing in the Covid-19 pandemic and Healthcare
	SOCTA_2021037, SOCTA_2021045, SOCTA_2021098, SOCTA_2021099, SOCTA_2021133	SOCTA_2021084, SOCTA_2021090, SOCTA_2021107, SOCTA_2021152, SOCTA_2021153	SOCTA_2021065, SOCTA_2021113, SOCTA_2021150, SOCTA_2021156	SOCTA_2021057, SOCTA_2021093, SOCTA_2021102, SOCTA_2021105, SOCTA_2021110
12:46 PM – 01:45 PM	Workshop on Real-Time Speech Recognition System using ANN Mr. Sachin Sharma Research Division, Jagadish Chandra Bose Research Organisation (JCBRO) Google meet link: meet.google.com/tpa-mwwi-hsj		Special Track Best PhD Presentation Google meet link: meet.google.com/ooo-zwnp-acz	
01:45 PM – 02:15 PM	Lunch Break			

02:16 PM – 03:15 PM	Track-9 meet.google.com/sju-zhuk-umt	Track-10 meet.google.com/yxu-rusz-tmx	Track-11 meet.google.com/ydk-ssva-tbb	Track-12 meet.google.com/ztu-yups-ioz
	Role of Soft Computing for Next Generation Communications	Soft Computing Application in System Assurance and Supply Chain	Advances in Soft Computing for Computer Vision and Pattern Recognition	Soft Computing in Wireless Sensor Network

	SOCTA_2021031, SOCTA_2021071, SOCTA_2021114, SOCTA_2021115	SOCTA_2021018, SOCTA_2021021, SOCTA_2021128, SOCTA_2021164	SOCTA_2021047, SOCTA_2021048, SOCTA_2021067, SOCTA_2021088	SOCTA_2021069, SOCTA_2021079, SOCTA_2021130, SOCTA_2021149
03:16 PM – 03:30 PM	Break			
03:31 PM – 04:30 PM	PLENARY TALK – VI Prof. Ratnajit Bhattacharjee Head of the Computer Communication Centre and Mehta Family School of Data Science and Artificial Intelligence Indian Institute of Technology Guwahati Assam, India (Title of talk: Genetic algorithm Applications in Antennas) Google meet link: meet.google.com/ooo-zwnp-acs			
04:30 PM – 05:00 PM	Track-13 meet.google.com/raw-sjzh-vca	Track-14 meet.google.com/tgm-gqqd-hnf	Track-15 meet.google.com/mki-awgz-qun	Track-16 meet.google.com/jhz-wise-zgh
	Genetic Algorithm based Optimization in Soft Computing	Intelligent Architectures, Algorithms, and Applications	Mathematical Models and Blockchain Technology for Soft Computing	Emerging Trends in Networking Technologies, Security and Internet of Things (IoT)
	SOCTA_2021038, SOCTA_2021081, SOCTA_2021154, SOCTA_2021158,	SOCTA_2021132, SOCTA_2021135, SOCTA_2021138, SOCTA_2021141	SOCTA_2021008, SOCTA_2021160, SOCTA_2021161, SOCTA_2021165	SOCTA_2021041, SOCTA_2021060, SOCTA_2021074, SOCTA_2021155
December 19, 2021				
09:30 AM – 10:30 AM	PLENARY TALK – VII Prof. Sri Parameswaran Program Director for Computer Engineering University of New South Wales, Australia Google meet link: meet.google.com/tpa-mwwi-hsj			

10:31 AM – 10:44 AM	Break			
10:45 AM – 11:45 AM	Track-17 meet.google.com/sju-zhuk-umt	Track-18 meet.google.com/yxu-rusz-tmx	Track-19 meet.google.com/ydk-ssva-tbb	Track-20 meet.google.com/ztu-yups-iox
	Soft Computing for Artificial Neural Networks and Expert Systems	Natural Language Processing based Soft Computing	Robotics Automation and Control Engineering	Soft Computing Application in Control and Automation Theory
	SOCTA_2021035, SOCTA_2021062, SOCTA_2021078, SOCTA_2021139	SOCTA_2021086, SOCTA_2021087, SOCTA_2021126, SOCTA_2021146,	SOCTA_2021049, SOCTA_2021089, SOCTA_2021097, SOCTA_2021117, SOCTA_2021123	SOCTA_2021004, SOCTA_2021029, SOCTA_2021096, SOCTA_2021147, SOCTA_2021157
11:46 AM – 12:00 PM	Tea Break			
12:01 PM – 01:00 PM	PLENARY TALK – VIII Prof. Leo Joskowicz Head, Computer-Assisted Surgery and Medical Image Processing Laboratory, The Hebrew University of Jerusalem, Israel Title of the Talk: Accelerating Deep Learning Medical Image Analysis in Radiology Google meet link: meet.google.com/ooo-zwnp-acx			
01:10 PM – 01:45 PM	Valedictory & Prize Distribution Chief Guest: Prof. G.K. Aseri , Provost & Dean Academics- Amity University Rajasthan, Jaipur, Director - STEM-Research Society Guest Of Honor(s): Prof. Leo Joskowicz , Head, Computer-Assisted Surgery and Medical Image Processing Laboratory, The Hebrew University of Jerusalem, Israel Dr. Gaurav Manik , Associate Professor, IIT Roorkee, Board of Director, STEM Research Society Google meet link: meet.google.com/ooo-zwnp-acx			

Instructions:

- ✓ **Online links for all sessions will be updated on 10th December 2021**
- ✓ All the participants and session chairs are requested to login 15 minutes before the scheduled time. **(Time for each presentation is 10 minutes including Suggestions)**
- ✓ All session chairs are requested to fill the evaluation sheet provided to your respective email Id.
- ✓ Inauguration, Plenary Talk, Valedictory and Prize Distribution Session will be live on the respective time mentioned above. You all are requested to login 15 minutes before the scheduled time.

Link for the tracks:

1. Track 1, Track 9, Track-17: meet.google.com/sju-zhuk-umt
2. Track-2, Track-10, Track-18: meet.google.com/yxu-rusz-tmx
3. Track-3, Track-11, Track-19: meet.google.com/ydk-ssva-tbb
4. Track-4, Track-12, Track-20: meet.google.com/ztu-yups-iox
5. Track-05, Track-13: meet.google.com/raw-sjzh-vca
6. Track-06, Track-14: meet.google.com/tgm-gqqd-hnf
7. Track-07, Track-15: meet.google.com/mki-awgz-gun
8. Track-08, Track-16: meet.google.com/jhz-wise-zgh

SOCTA-2021						
S. No.	Details of Track	Track No.	Details of Session Chair		Session Coordinator	g-meet link
1.	Application of Soft Computing and Optimization Techniques	Track-1	Dr. Rupam Goswami Assistant Professor Tezpur University, Assam rupam21@tezu.ernet.in	Dr. Irshad Ahmad Ansari IIIT Jabalpur irshad@iiitdmj.ac.in	Dr. Gyan Singh Yadav gyansingh.cse@iiitkota.ac.in	meet.google.com/sju-zhuk-umt
2.	Soft Computing in Deep Learning	Track-2	Dr. Sonal Yadav Assistant Professor NIT Raipur syadav.cse@nitrr.ac.in	Dr. Vimal Mishra Assistant Professor JIIT UNiversity Noida vimal.mishra@jiit.ac.in	Dr. Ashish Sharma ashishsharma.fitt@gmail.com	meet.google.com/yxu-rusz-tmx
3.	Soft Computing in Machine Learning	Track-3	Dr. Rakesh Tripathi Assistant professor and HoD IT deptt. NIT Raipur rtripathi.it@nitrr.ac.in	Dr. Arighna Deb Assistant Professor KIIT University, Odisha airghna.debfet@kiit.ac.in	Dr. Dileep Kumar dileepkumar0204@gmail.com	meet.google.com/ydk-ssva-tbb

4.	Fuzzy Logic based Systems and Soft Computing	Track-4	Kapil Kumar Goyal NIT Jalandhar goyalkk@nitj.ac.in	Dr. Anupam Kumar Assistant Professor IIIT Kota anupam.ece@iiitkota.ac.in	Dr. Ashok kharodia ashok.ece@iiitkota.ac.in	meet.google.com/ztu-yups-iox
5.	Applications of Soft Computing Techniques	Track-5	Dr. Tousif Khan Nizami Assistant Professor SRM University, AP tousif.k@srmmap.edu.in	Dr. Krishna Gopal Assistant Professor SATI Vidisha kgkirar.ei@satiengg.in	Dr. Priyanka Saha priorient06@gmail.com	meet.google.com/raw-sjzh-vca
6.	Soft Computing Role in Encryption and Security Algorithms	Track-6	Dr. Vimal Kumar Shrivastava Assistant Professor KIIT University, Odisha vimal.shrivastavafet@kiit.ac.in	Dr. Gyan Singh Yadav Assistant Professor IIIT Kota gyansingh.cse@iiitkota.ac.in	Mr. Himanshu Gupta guptah.nitj@gmail.com	meet.google.com/tqm-gqqd-hnf
7.	Data Science and Artificial Intelligence	Track-7	Dr. Aniruddha Dey Asst. Professor. Department of Information Technology Maulana Abaul Kalam Azad University Of Technology. West Bengal, India anidey007@gmail.com	Dr. Priyanka Mishra Assistant Professor IIIT Kota priyanka.cse@iiitkota.ac.in	Mrs. SmitaPati Rani, pati.smitarani@gmail.com	meet.google.com/mki-awgz-qun
8.	Role of Soft Computing in the Covid-19 pandemic and Healthcare	Track-8	Dr. Ashish Sharma Assistant Professor IIIT Kota ashish@iiitkota.ac.in	Dr. Gaurav Kumar Assistant Professor IIIT Bhagalpur gkumar.me@iiitbh.ac.in	Mr. Deepak Jangid Deepakj.ic.20@nitj.ac.in	meet.google.com/jhz-wise-zgh
9.	Role of Soft Computing for Next Generation Communications	Track-9	Dr. Babul Pasad Tewari Assistant Professor IIIT Bhagalpur bp Tewari.cse@iiitbh.ac.in	Dr. Tousif Khan Nizami Assistant Professor SRM University, AP tousif.k@srmmap.edu.in	Ms. SreeLakshmy Sreelakshmyk.ic.20@nitj.ac.in	meet.google.com/sju-zhuk-umt
10.	Soft Computing Application in System Assurance and Supply Chain	Track-10	Dr. Ashish Gupta Professor JIIT UNiversity Noida ashish.gupta@jiit.ac.in	Dr. Sai Ojha Assistant Professor MIT WPU Pune sai.ojha@mitwpu.edu.in	Mr. Manish Sharma 2021krec2003@iiitkota.ac.in	meet.google.com/yxu-rusz-tmx
11.	Advances in Soft Computing for Computer Vision and Pattern Recognition	Track-11	Dr. Sanjay Kumar Assistant Professor IIIT Bhagalpur skumar.ece@iiitbh.ac.in	Dr. Deepak singh Assistant Professor NIT Raipur dsingh.cs@nitrr.ac.in	Dr. Gyan Singh Yadav gyansingh.cse@iiitkota.ac.in	meet.google.com/ydk-ssva-tbb
12.	Soft Computing in Wireless Sensor Network	Track-12	Dr. Amit Garg Assistant Professor IIIT Kota amitgarg.ece@iiitkota.ac.in	Dr. Prakash Ranjan Assistant Professor IIIT Bhagalpur pranjan.ece@iiitbh.ac.in	Dr. Ashish Sharma ashishsharma.fitt@gmail.com	meet.google.com/ztu-yups-iox
13.	Genetic Algorithm based Optimization in Soft Computing	Track-13	Dr. Dilip Singh Sisodia Assistant Professor, HoD of CSE dept dssisodia.cs@nitrr.ac.in	Dr. Sandeep R. Associate Professor Vidyavardhaka college of Engg. sandeep90@gmail.com	Dr. Dileep Kumar dileepkumar0204@gmail.com	meet.google.com/raw-sjzh-vca

14.	Intelligent Architectures, Algorithms, and Applications	Track-14	Dr. Rahul Kumar Assistant Professor Bennett university rahul10.iitkgp@gmail.com	Dr. Abhay Kumar Assistant Professor Bundelkhand University abhay.2t@gmail.com	Dr. Ashok kharodia ashok.ece@iiitkota.ac.in	meet.google.com/tqm-gqqd-hnf
15.	Mathematical Models and Blockchain Technology for Soft Computing	Track-15	Dr. Tameshewer Nath Assistant Professor IIIT Bhagalpur tnath.mea@iiitbh.ac.in	Dr. Ritu Raj Assistant Professor IIIT Kota rituraj.ece@iiitkota.ac.in	Dr. Priyanka Saha priorient06@gmail.com	meet.google.com/mki-awgz-qun
16.	Emerging Trends in Networking Technologies, Security and Internet of Things (IoT)	Track-16	Dr. Priyanka Mishra Assistant Professor IIIT Kota priyanka.cse@iiitkota.ac.in	Dr. Vijeta Kumawat Assistant Professor JECRC University,Jaipur vijetakumawat.cse@jecrc.ac.in	Mr. Himanshu Gupta guptah.nitj@gmail.com	meet.google.com/jhz-wise-zgh
17.	Soft Computing for Artificial Neural Networks and Expert Systems	Track-17	Dr. Bhanu Pratap Singh Assistant Professor LNCT Bhopal bhanuecvlsi@gmail.com	Dr. Sandeep Sahu Assistant Professor VIT Bhopal sandeep.sahu12@gmail.com	Mrs. SmitaPati Rani, pati.smitarani@gmail.com	meet.google.com/sju-zhuk-umt
18.	Natural Language Processing based Soft Computing	Track-18	Dr. Sai Ojha Assistant Professor MIT WPU Pune sai.ojha@mitwpu.edu.in	Dr. Shirshendu Assistant Professor IIT Ropar shirshendu@iitpr.ac.in	Mr. Deepak Jangid Deepakj.ic.20@nitj.ac.in	meet.google.com/yxu-rusz-tmx
19.	Robotics Automation and Control Engineering	Track-19	Dr. Vikas Jha vikas.jhafet@kiit.ac.in	Dr. Amit Kumar Assistant Professor IIIT Kota amit@iiitkota.ac.in	Mr. Himanshu Gupta guptah.nitj@gmail.com	meet.google.com/ydk-ssva-tbb
20.	Soft Computing Application in Control and Automation Theory	Track-20	Dr. Abhay Kumar Assistant Professor Bundelkhand University abhay.2t@gmail.com	Dr. Lokesh Malviya Assistant Professor VIT Bhopal lokesh.malviya2020@vitbhopal.ac.in	Mr. Manish Sharma 2021krec2003@iiitkota.ac.in	meet.google.com/ztu-yups-iox

Evaluation Sheet Format

Technical Session:

Time:

Dated: / /2021

Session chair(s) Name with Affiliations:

1.

2.

G-meet link:

Track No and Details:

S. No.	Paper ID	Title	Author (s)	Score (out of 10)
1				
2				
3				
4				