भौतिकी विभाग
PHYSICS DEPARTMENT

राष्ट्रीय प्रौद्योगिकी संस्थानश्रीनगर
NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR
(शिक्षामंत्रालय, भारतसरकारकेतत्वावधानमेंराष्ट्रीयमहत्वकाएकस्वायत्तसंस्थान)
(An autonomous Institute of National Importance under the aegis of Ministry of Education, Govt. of India)
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No :NIT/PHY/22/1262
Dated: 16.11.2022

Dean (R&C)

Subject:- Furnished information for the last three years (i.e 2020,2021 & 2022) in r/o Physics Department regarding **MOUs, Approved Projects, Patents, Workshop/Conference, Publications (A) Journals (SCI/SCOPUS) & (B) Conferences** for onwards transmission to the Department of Education, Govt. of India.

Sir,

In reference to your letter no. NIT/DRC/22/782 dated: 01.10.2022. The hard copy of requisite information in the prescribed format on the subject captioned above is attached for your kind perusal and further necessary action at your end, please.
As desired, the soft copy of the same has already sent to email: **deanresearch@nitsri.net**

(Dr. M.A Shah)
Prof. & Head Physics

Encl: As enclosed (18 leaves)

1. MoUs

S.No.	MoUs Signed (Between)	Year of MoU
01	IIT Delhi and NIT Srinagar	2022

2. Approved Projects

S.No.	Title of the Project	Funding Agency	Total Amount	Year (Start)	Year (End)	Status	Investigator/ Co-Investigator
01	Modelling of oscillations in superconducting transition temperatures in superconductor/ferromagnet hybrid structure	DST-SERB in MATRICS scheme	6,60,000	2022	2025		Harkirat Singh
02	2D superconductivity in transition metal dichalcogenides	UGC-DAE CSR	2,40,000	2022	2025		Harkirat Singh
06	Fund for Improvement of S&T infrastructure	Department of Science & Technology, Technology Bhawan, New Delhi	1.35 Crore	2022	2027	Ongoing	Vijay Kumar
07	A cost-effective and reusable hydrogel-based superabsorb	AWaDH-SpINe, IIT Ropar	14.9 Lacs	2022	2025	Ongoing	Vijay Kumar

	ent for water filtration						
08	Preparation and Properties of biodegradable composites and their application in food packaging	NPIU, TEQIP	12.60 Lakhs	18/06/2019			Prof. M. A. Shah
09	Nano-emulsions as carriers for targeted delivery of bioactive com	NPIU, TEQIP	16.00 Lakhs	18/06/2019			Prof. M. A. Shah
10	Grant under the Fund for Improvement of S&T infrastructure [FIST Program – 2021]	DST New Delhi	165Lakhs	March 2022			Prof. M. A. Shah
11	Effect of Synchrotron Radiation on the Photoemission Spectroscopy (PES) Studies of Double Perovskite	UGC-DAE-Consortium for Scientific Research Indore	~ 7.80 lacs	2015	2021	Completed	Prof. Mohd. Ikram
12	Structural, Magnetic, Optical and Dielectric Properties of Double Layer Perovskite	CSIR, New Delhi	~13.0 Lacs	2018	2021	Completed	Prof. Mohd. Ikram

	Oxides						

3. Patents

S.No.	Title of Invention	Name of Inventor	Status (File/Granted/Published)	Year
01	Smart shoes based on wearable sensing nanomaterials	M.A Shah, Rana Sandeep Singh, Nikhilesh Kumar Dilwaliya	Applied	2020

4. Workshop/Conference

S.No.	STC/Workshops Attended/Organized	Name of Faculty
01	STUTI Workshop, May 20-26th 2022	Dr. Harkirat Singh
02	STUTI Workshop, May 20-26th 2022	Dr. Mohd. Zubair Ansari
03	Organized SERB sponsored High End Workshop on "3D Printing, Nano-Tribology and Characterization of Materials" organized by Department of Mechanical Engineering, NIT Srinagar from 29th August to 3rd September 2022	Vijay Kumar (Co-ordinator)
04	Organized DST supported STUTI training program on "Material Characterization Techniques" organized by Department of Physics, Mechanical Engineering Department, NIT Srinagar in association with Department of Physics, Aligarh Muslim University, Aligarh as PMU during 28th June to 4th July 2022	Vijay Kumar
05	Organized DST supported STUTI training program on "R&D Equipment: Material Processing & Advanced Functional Material Characterization Techniques" organized by Department of Physics and Central Research Facility Centre (CRFC), NIT Srinagar in association with SAIF/CIL Panjab University, Chandigarh as PMU during 30 May to 5 June 2022	Vijay Kumar
06	Organized One-day workshop on "Awareness of I-STEM Portal for Use of the R&D Resources" in association with the Indian Science Technology and Engineering Facilities Map organized on 23rd May 2022 at NIT Srinagar	Vijay Kumar
07	Organized TEQIP III Sponsored One Week Short Term Course (Through Online Mode) on "Recent Advances in Nanoscience and Nanotechnology (RANN-2020)" held at National Institute of Technology Srinagar during 24-28 August 2020	Vijay Kumar, Harkirat Singh, Mohd. Zubair Ansari (Coordinators)
08	Attended an Indian Summer School on Crystal Growth (ISSCG-2020) organized by SSN Research Centre, SSN Institutions (Autonomous) during 14-23 May 2020	Vijay Kumar
09	Attended Virtual Conference on "Materials for Energy Harvesting and Catalysis" 1st - 3rd May 2020 via Zoom organized by TIFR Mumbai and IISER Kolkata	Vijay Kumar
10	Attended a Faculty Development Programme (Through Online Mode) On MOOCs: Instructional Design, Development and Learning Analytics during April 4-9, 2020 Organized by Centre for Academic	Vijay Kumar

	Leadership and Education Management (CALEM), Panjab University, Chandigarh	
11	National Level Faculty Development Programme on "Recent Trend in Material Physics, Organized by Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu, June 22- 28 2021	Prof. Mohd. Ikram
12	Faculty development program on emerging trends in science and technology, Organized by Easwari Engineering College and Department of Physics, Chennai, July 01- 06 2021	Prof. Mohd. Ikram
13	School on Microscopic Characterization Techniques, Organized by Inter-University Accelerator Centre, New Delhi , November, 9-12 2021	Prof. Mohd. Ikram

5. Publications: (A) Journals (SCI/SCOPUS)

S.No.	Author(s)	Title of the Paper	Journal	Vol./Year/Page No.	SCI/Scopus
01	Asif Majeed and Harkirat Singh	Effect of the Interface Transparency and Ferromagnetic Thickness on the Critical Temperature of NbN/Gd/NbN hybrid structure	Physica C: Superconductivity	Vol.602/2022/1354127	SCI
02	Junaid Ul Ahsan and Harkirat Singh	Atomistic simulation study of FeCo alloy nanoparticles	Applied Physics A	128 (2022)443	SCI
03	Junaid Ul Ahsan and Harkirat Singh	Temperature dependent magnetization in Co@Fe nanoparticles	Physica B: Condensed Matter	627 (2022) 413488	SCI
04	J. Kumar and H. Singh	Electron-phonon mediated superconductivity in 1T-MoS_2 and effect of pressure on its transition temperature	J. Phys & Chem. of Solids	156(2021) 1101185	SCI
05	Towseef Ahmad and Mohd Zubair Ansari	Enhancement of infrared shielding property of SnO2 using Sb as a dopant	Materials Research Express	9/2022/105902	SCI
06	Rais Ahmad Dar & Mohd Zubair	Effect of pH variations on structural and morphological properties of ZnO	The European Physical Journal Plus	137/2022/1093	SCI

	Ansari	nanocrystals			
07	Jaffer F Mir, S Rubab, M A Shah	Photo-electrochemical ability of iron oxide nanoflowers fabricated via electrochemical anodization	Chemical Physics Letters	Volume 741, 16 February 2020, 137088	Scopus
08	Ahmad Khandy, S., Islam, I., Kaur, K., Laref, A., Dhiman, S., Rubab, S., Gupta, D.C.,Khenata, R	DFT investigations on the electronic structure, magnetism, thermodynamic and elastic properties ofnewly predicted cobalt based antiperovskites: Co3XN (X=Pd, Pt & Rh)	Results in Physics	2020	Scopus
09	Jaffer F Mir, S Rubab, M A Shah	Hematite (α-Fe2O3) nanosheets with enhanced photo-electrochemical ability fabricated via single step anodization	Chemical Physics Letters	Volume 753, 16 August 2020, 137584	Scopus
10	Sylvia Devi Henam, Farooq Ahmad Dar, Ashaq Hussian Sofi , Seemin Rubab, Shazia Parveen, Abdul Hamid Wani, Mohammad Ashraf Shah	Microwave synthesis of AlO(OH) and Mg(OH)2 nanoparticles and evaluation of their antifungal activity	Asian Journal of Green Chemistry	5(2) , 2021, 227-234	Scopus
11	Rayees Ahmad Khan, Shabir	Al-doped LiMn2O4 nanostructures for	Materials Technology	Feb 2022	Scopus

	Ahmad Akhoon, Vijayaraghavan G V, Seemin Rubab, Thanigai Arul Kumaravelu & Chung-Li Dong	environmentally benign supercapacitor applications			
12	Sebiha Rahman and Seemin Rubab	Potential Application of Solar Energy for Drying: A case study from Kashmir	International Journal for physical and social sciences	March 2022	
13	Sebiha Rahman and Seemin Rubab	Solar radiation impact on drying parameters of mint (Mentha spicata L.)	International Journal of Health Sciences	6 (S6) 2022, 3235-3246	Scopus
14	Rayees Ahmad Khan, Shabir Ahmad Akhoon, Vijayaraghavan G V, Seemin Rubab, MA Shah, Thanigai Arul Kumaravelu & Chung-Li Dong	The novel LiMn1.8Al0.2O4 nanosheets for high energy and power density supercapacitor cathode applications	Ionics	28,2022, pages 4805–4815	Scopus
15	Sajid Ahmad, Raheel Hammad, Seemin Rubab	Gamma Radiation-Induced Synthesis of Polyaniline-Based Nanoparticles/Nanocomposites	Journal of Electronic Materials	51,2022, pages 5550–5567	Scopus
16	Sebiha Rahman and Seemin Rubab	Quality attributes of bottle gourd (Lagenaria Siceraria) dried in natural convection	International Journal of Health Sciences	2022	Scopus

		domestic solar dryer			
17	Arshid Mir, Khushboo Iqbal, S Rubab, MA Shah	Effect of concentration of Fe-dopant on the photoelectrochemical properties of Titania nanotube arrays	Ceramics International	2022	Scopus
18	Santosh K. Tiwari, Raunak Pandey, Nannan Wang, Vijay Kumar, Olusegun J. Sunday, Michał Bystrzejewski, Yanqiu Zhu, Yogendra Kumar Mishra	Progress in Diamanes and Diamanoids Nanosystems for Emerging Technologies	Advanced Science	9 (2022) 2105770	SCI
19	Sonal Choudhary, Kashma Sharma, Manpreet S. Bhatti, Vishal Sharma, Vijay Kumar	DOE based synthesis of Gellan gum-acrylic acid-based biodegradable hydrogels: Screening of significant process variable and in situ field studies	RSC Advances	12 (2022) 4780-4794	SCI
20	Karanpreet Virk, Kashma Sharma, Shikha Kapil, Vinod Kumar, Vishal Sharma, Sadanand Pandey, Vijay Kumar	Synthesis of gum acacia-silver nanoparticles based hydrogel composites and their comparative anti-bacterial activity	Journal of Polymer Research	29 (2022) 118	SCI
21	Irfan	Advances in	Nanotechnology	11 (2022) 575-619	SCI

	Ayoub, Vijay Kumar, Rishabh Sehgal, Vishal Sharma, Rakesh Sehgal, Reza Abolhassani, Hendrik C Swart, Yogendra Kumar Mishra	ZnO: Manipulation of Defects for Enhancing their Technological Potentials	Reviews		
22	Raunak Pandey, Prabhav Thapa, Vijay Kumar, Yanqiu Zhu, Nannan Wang, Michał, Bystrzejewski, Santosh K. Tiwari	Updates in Phase Change Materials for Thermoelectric Devices: Status and Challenges	Materialia	21 (2022) 101357	SCI
23	V. Sharma, S. Choudhary, P. Mankotia, A. Kumari, K. Sharma, Rakesh Sehgal, Vijay Kumar	Nanoparticles as Fingermark Sensors	TrAC Trends in Analytical Chemistry	143 (2021) 116378	SCI
24	Archana Gupta, Vishal Sharma, Kashma Sharma, Vijay Kumar,	A Review of Adsorbents for Heavy Metal Decontamination: Growing Approach to Wastewater Treatment	Materials	14 (2021) 4702	SCI

	Sonal Choudhary, Priyanka Mankotia, Brajesh Kumar, Harshita Mishra, Amitava Moulick, Adam Ekielski and Pawan Kumar Mishra				
25	K. Sharma, S. Sharma, S. Thapa, M. Bhagat, Vijay Kumar, V. Sharma	Nanohydroxyapatite-, Gelatin-, and Acrylic Acid-Based Novel Dental Restorative Material	ACS Omega	5 (2020) 27886-27895	SCI
26	Kashma Sharma, Shreya Sharma, Vipasha Sharma, Pawan Kumar Mishra, Adam Ekielski, Vishal Sharma, Vijay Kumar	Methylene Blue Dye Adsorption from Wastewater Using Hydroxyapatite/Gold Nanoparticles Composites: Kinetic and Thermodynamics Studies	Nanomaterials	11 (2021) 1403	SCI
27	S. Sharma, K. Virk, K. Sharma, S. K. Bose, Vijay Kumar, V. Sharma, M. L. Focarete,	Preparation of gum acacia-poly(acrylamide-IPN-acrylic acid) based nanocomposite hydrogels via polymerization methods for antimicrobial applications	Journal of Molecular Structure	1215 (2020) 128298	SCI

	S. Kalia				
28	S. Verma, D. Kumar, S. Dutta, V. Sharma, H. C. Swart, Vijay Kumar	A novel near white light emitting phosphor KSrYSi2O7:Dy3+: Synthesis, characterization and luminescence properties	Vacuum	174 (2020) 109179	SCI
29	P. Mankotia, S. Choudhary, K. Sharma, Vijay Kumar, J. K. Bhatia, A. Parmar, S. Sharma, V. Sharma	Neem gum based pH responsive hydrogel matrix: A new pharmaceutical excipient for the sustained release of anticancer drug	International Journal of Biological Macromolecules	142 (2020) 742-755	SCI
30	R. Chauhan, R. Kumar, Vijay Kumar, K. Sharma, V. Sharma	On the discrimination of soil samples by derivative diffuse reflectance UV-Vis-NIR spectroscopy and Chemometric methods	Forensic Science International	319 (2021) 110655	SCI
31	Ahmad, R., & Shah, M. A.	Hydrothermally synthesized nickel oxide nanostructures on nickel foam and nickel foil for supercapacitor application	Ceramics International	2022	SCI
32	Mir, A., Iqbal, K., Rubab, S., & Shah, M. A.	Effect of concentration of Fe-dopant on the photoelectrochemical properties of Titania nanotube arrays	Ceramics International	2022	SCI
33	Mir, A., & Shah, M. A.	Cyclic voltammetry response of TiO2 nanostructures prepared via fast and facile microwave	Bulletin of Materials Science	2021	SCI

		irradiation			
34	Aalim, M., & Shah, M. A.	Modulation of Magnetism and Optical Properties of Hematite (α-Fe2O3) Nanorods Fabricated via Thermal Conversion of Hydrothermally Synthesized Akaganeite (β-FeOOH)	Journal of Solid State Science and Technology	2022	SCI
35	Mir SA, Shah M. A.	Thermodynamics of Graphene beyond the Linear Approximation	Communications in Theoretical Physics	2022	SCI
36	Noor, Nairah, Shah M.A et al	Ferulic acid loaded pickering emulsions stabilized by resistant starch nanoparticles using ultrasonication: Characterization, in vitro release and nutraceutical potential	Ultrasonics Sonochemistry	2022	SCI
37	Parveen, Shazia, Shah M.A et,al.	Trichoderma Based Synthesis of Silver Oxide Nanoparticles, Their Characterization and Assessment of Antifungal Activity	International Journal of Nanobiotechnology	2021	SCI
38	Gautam, Alok Sagar, M.A Shah et.al	Temporary reduction in air pollution due to anthropogenic activity switch-off during COVID-19 lockdown in northern parts of India	Environment, Development and Sustainability	2021	SCI
39	Maini, A., and M. A. Shah	Sol-Gel Fabricated CuO Thin Film: Characterization		2021	SCI

		for Device Application			
40	Gulzar A, Ayoub N, Mir JF, Alanazi AM, Shah MA, Gulzar A.	In vitro and in vivo MRI imaging and photothermal therapeutic properties of Hematite (α-Fe2O3) Nanorods	Journal of Materials Science: Materials in Medicine	2022	SCI
41	Siraj A, Naqash F, Shah MA, Fayaz S, Majid D, Dar	Nanoemulsions: formation, stability and an account of dietary polyphenol encapsulation	International Journal of Food Science & Technology	2021	SCI
42	Tantray AM, Mir JF, Mir MA, Rather J, Shah MA	Random Oriented ZnO Nanorods Fabricated through Anodization of Zinc in KHCO3 Electrolyte	ECS Journal of Solid State Science and Technology	2021	SCI
43	Showkat M, Shah MA	Wave function of perturbed Hamiltonian in graphene	International Journal of Geometric Methods in Modern Physics	2021	SCI
44	Mir JF, Rubab S, Shah MA.	Hematite (α-Fe2O3) nanosheets with enhanced photo-electrochemical ability fabricated via single step anodization	Chemical Physics Letters	2020	SCI
45	Mir MA, Shah MA, Ganai PA	Dielectric study of nanoporous alumina fabricated by two-step anodization technique	Chemical Papers	2021	SCI
46	Qayoom M, Bhat R, Asokan K, Shah MA, Dar GN	Unary doping effect of A2+ (A= Zn, Co, Ni) on the structural, electrical and magnetic properties of substituted iron oxide nanostructures	Journal of Materials Science: Materials in Electronics	2020	SCI
47	Tantray AM,	Photo electrochemical	Chemical Physics Letters	2020	SCI

	Shah MA	ability of dense and aligned ZnO nanowire arrays fabricated through electrochemical anodization			
48	Mir JF, Rubab S, Shah MA	Photo-electrochemical ability of Iron Oxide nanoflowers fabricated via electrochemical anodization	Chemical Physics Letters	2020	SCI
49	Hilal Ahmad Bagat, Mir Hameeda, Prince A Ganai	Comparative study of galaxy clustering using halo approximation and mean-field theory in the light of modified theories of gravity	Physica Scripta	2022/10/26	SCI/SCOPUS
50	YH Khan, PA Ganai	Remnants and thermal corrections in Horndeski black holes with non-minimal kinetic coupling	The European Physical Journal Plus	2022, 137 (7), 1-12	SCI/SCOPUS
51	M Rashid, MQ Lone, PA Ganai	Time evolution of quantum correlations in presence of state dependent bath	Physica Scripta	2022/97 (7), 075104	SCI/SCOPUS
52	S Upadhyay, NU Islam, PA Ganai	A modified thermodynamics of rotating and charged BTZ black hole	Journal of Holography Applications in Physics	2022/ 2 (1), 25-48	SCI/SCOPUS
53	AW Khanday, S Upadhyay, PA Ganai	Galactic clustering under power-law modified Newtonian potential	General Relativity and Gravitation	2021/ 53 (6), 1-19	SCI/SCOPUS
54	YH Khan, S Upadhyay, PA Ganai	Stability of remnants of Bardeen regular black holes in presence of thermal	Modern Physics Letters	2021/ 36 (24), 2130023	SCI/SCOPUS

		fluctuations			
55	AW Khanday, S Upadhyay, PA Ganai	Thermodynamics of galaxy clusters in modified Newtonian potential	Physica Scripta	2021/ 96 (12), 125030	SCI/SCOPUS
56	MA Mir, MA Shah, PA Ganai	Dielectric study of nanoporous alumina fabricated by two-step anodization technique	Chemical Papers	2021/ 75 (2), 503-513	SCI/SCOPUS
57	YH Khan, PA Ganai, S Upadhyay	Quantum-corrected thermodynamics and P–V criticality of self-gravitating Skyrmion black holes	Progress of Theoretical and Experimental Physics	2020 (10), 103B06	SCI/SCOPUS
58	YH Khan, PA Ganai, S Uphadhay	Stable remnants and quantum gravity effects in nonlinear electric source Culetu black hole	The European Physical Journal Plus	2022/ 135 (8), 1-15	SCI/SCOPUS
59	YH Khan, PA Ganai	Quantum gravity effects on thermodynamics of de Sitter black holes in massive gravity	International Journal of Modern Physics A	35 (19), 2050090	SCI/SCOPUS
60	Nadeem-ul-islam, PA Ganai	First-order corrected thermodynamic potentials characterizing BTZ black hole in massive gravity	International Journal of Modern Physics A	35 (18), 2050080	SCI/SCOPUS
61	Shah Aarif Ul Islam, Khalid Sultan, Sheeraz Ahmad Bhat, Nazima Nazir and Mohd. Ikram	Structural, morphological and cryogenic magnetic behavior of double perovskite La1.9Sr0.1NiMnO6-δ thin film	SN Applied Sciences	2:728 (2020)	SCI

62	Shah Aarif Ul Islam, Farooq Ahmad Andrabi, Fida Mohd, Khalid Sultan, M. Ikram and K.Asokan	Ba Doping Induced Modifications In the Structural, Morphological and Dielectric Properties of Double Perovskite La2NiMnO6 Ceramics	Journal of Solid State Chemistry	290 121597 (2020)	SCI
63	Gowher Hameed Rather and Mohd. Ikram	Magnetoelectric Coupling in Terbium Doped Particulate Multiferroic Composites Based on BaTiO3–CoFe2O4	Physica B-Condensed Matter	599, 412577 (2020)	SCI
64	Nazima Nazir & Mohd Ikram	Structural, Dielectric and Conductivity Studies of Strontium Doped Gd2NiMnO6 Perovskite	Journal of Materials Science-Materials in Electronics	31 23002–23011(2020)	SCI
65	Gowher Hameed Rather & Mohd. Ikram	Enhancement of Magnetoelectric Effect in Multiferroic Composites of Dysprosium and Zinc Doped BaTiO3 – CoFe2O4	Journal of Materials Science-Materials in Electronics	32,551–566 (2021)	SCI
66	Mushtaq Ahmad Margay, M. Ikram & M. Nijam	Impact of Oxygen Vacancies to Control the Magnetic and Electronic Properties of the La2CoMnO6 System	Journal of Magnetism and Magnetic Materials	529, 167857 (2021)	SCI
67	Khalid Sultan, Rubiya Samad, Feroz A Nazar,	Structural, Optical and Dialectical Properties of Sr Doped LaVO4	Advanced Materials Letters	12(6), 21061640 (2021)	SCI

	Shohaib Abbas, Saima Jahan, M. R. Rayher and M. Ikram				
68	Gowher Hameed Rather, Mehra ud Din Rather, Nazima Nazir, Afreen Ikram, Mohd. Ikram & Basharat Want	Particulate Multiferroic Ba0.99Tb0.02Ti0 .99O3 – CoFe1.8Mn0.2O 4 Composites: Improved Dielectric, Ferroelectric and Magneto-dielectric Properties	Journal of Alloys and Compounds	887, 161446 (2021)	SCI
69	Nazima Nazir and Mohd. Ikram	Tuning of the Structural, Morphological, Dielectric, and Magnetoresistanc e Properties of Gd2NiMnO6 Double Perovskite by Ca doping	Physica B	632, 413734 (2022)	SCI
70	Gulzar Ahmad lone and Mohd. Ikram	Investigating the Structural and Dielectric Properties of CoFe2-xNixO4 Spinel Ferrite	Alloys and Compounds	908, 164589 (2022)	SCI
71	Gulzar Ahmad lone and Mohd. Ikram	Effect of Sintering Temperature On Structural, Dielectric and Magneticproperti es of CoFe1.5Ni0.5O4 Prepared by Solid-State Reaction Method	Applied Physics A	128 1013 (2022)	SCI
72	Gulzar Ahmad lone and Mohd.	Role of Ni Doping in Magnetic Dilution of Fe	Journal of Alloys and Compounds	934 167891 (2022)	SCI

	Ikram	Sublattice and in Tailoring Optical Properties of CoFe2O4			

(B) Conferences

S.No.	Author(s)	Title of the Paper	Conference	Vol./Year/Page No.	SCI/Scopus
01	Malik Aalim , M.A Shah	Microwave-assisted synthesis of α-Fe 2 O 3 nanostructures for supercapacitor applications	7 th Edition of International Conferences on Nanotechnology for Better Living, ICNBL-16	2021	
02	Malik Aalim , M.A Shah	"Iron Oxide α Fe2O3) Nanospheres Prepared Via Hydrothermal route"	Indian Materials Conclave (IndMac) and Annual General Meeting of MRSI	2021	
03	Arishid Mir , M.A Shah	Cyclic voltammetry response of TiO2 nanostructures prepared via fast and facile microwave irradiation	MRSI	2020	
04	Dr. M. A. Shah		ICAMMC-2021	2021	
05	Fida Mohmed, Mohd. Ikram & Yuan-Hua Lin	THE INVESTGATION Of SPIN SEEBACK EFFECT in Ce Doped Yttrium Iron Garnet thin Films Using Rhodium as a spin Current Detector	The-Globe Magnetics Conference IEEE Magnetics	2020	