Department								
ISI and IF Publications								
S. No	**Title**	**Authors**	**Journal Name**	**Volume/Issue**	**Page/Article ID**	**Dep/Campus**	**IF/ISI**	**CIIT Authors**
01	A LINEAR CONTROL OF HOVORKA MODEL	Muhammad Umer Saleem1, Muhammad Farman2 , Asad Miraj3	Sci.Int.(Lahore)	28(1),15-18,2015	28(1)	**Mathematics**		**Asad Miraj**
02	CONTROL OF GLUCOSE INSULIN REGULATORY SYSTEM FOR TYPE 1 DIABETES	Muhammad Farman1 , Muhammad Umer Saleem2 , Asad Miraj3	Sci.Int.(Lahore)	28(1),27-29,2015	28(1)	**Mathematics**		**Asad Miraj**
03	MIXED CONVECTIVE THERMALLY RADIATIVE MICRO NANOFLUID FLOW IN A STRETCHABLE CHANNEL WITH POROUS MEDIUM AND MAGNETIC FIELD	A. Rauf, S. A. Shahzad, M. K. Siddiq, J. Raza, and M. A. Meraj	AIP Advances	**6**, 035126 (2016)	**6**, 035126	**Mathematics**	**1.523**	A. Rauf, S. A. Shahzad, and M. A. Meraj

04	Hydromagnetic flow of third grade nanofluid with viscous dissipation and flux conditions	T. Hussain, **S.A. Shehzad,** T. Hayat and A. Alsaedi,	*AIP Advances* **(USA)**	5 (2015)	087169	**Mathematics**	1.524	**S.A. Shehzad**
05	Impact of magnetic field in three-dinensional flow of an Oldroyd-B nanofluid	T. Hayat, T. Muhammad, **S.A. Shehzad,** M.S. Alhuthali and J. Lu	***Journal of Molecular Liquids*(Netherlands)**	**212 (2015)**	**272-282**	**Mathematics**	2.515	**S.A. Shehzad**
06	MHD stagnation point flow of Jeffrey fluid over a radially stretching surface with viscous dissipation and Joule heating	T. Hayat, M. Waqas, **S.A. Shehzad** and A. Alsaedi	*Journal of Hydrology and Hydromechanics* **(Slovakia)**	63 (2015)	311-317	**Mathematics**	1.486	**S.A. Shehzad**
07	Peristalsisin a curved channel with slip and radial magnetic field**,**	*International Journal of Heat and Mass Transfer***(UK)**	*International Journal of Heat and Mass Transfer***(UK)**	91 (2015)	562-569	**Mathematics**	2.383	**S.A. Shehzad**

08	Temperature and concentration stratification in mixed convection flow of an Oldroyd-B fluid with thermal radiation and chemical reaction	T. Hayat, T. Muhammad, **S.A. Shehzad** and F. Alsaadi	*Plos One***(USA)**	10 (2015)	e0127646	**Mathematics**	3.234	**S.A. Shehzad**
09	Mixed convection flow of Casson nanofluid over a stretching sheet with convectively heated chemical reaction and heat source/sink,	T. Hayat, M.B. Ashraf, **S.A. Shehzad** and A. Alsaedi	*Journal of Applied Fluid Mechanics* **(Iran)**	8 (2015)	803-813	**Mathematics**	0.746	**S.A. Shehzad**
10	Model and comparative study for peristaltic transport of water based nanofluids,	**S.A. Shehzad, F.M. Abbasi, T. Hayat and B. Ahmad**,	***Journal of Molecular Liquids*(Netherlands)**	**209 (2015)**	**723-728**	**Mathematics**	2.515	**S.A. Shehzad**

11	Influence of convective heat and mass conditions in MHD flow of nanofluid,	**S.A. Shehzad,** T. Hayat and A. Alsaedi,	*Bulletin of Polish Academy of Sciences- Technical Sciences* **(Poland)**	63 (2015)	465-474	**Mathematics**	0.914	**S.A. Shehzad**
12	Boundary layer flow of third grade nanofluid with Newtonian heating and viscous dissipation	**S.A. Shehzad,** T. Hussain, T. Hayat, M. Ramzan and A. Alsaedi,	*Journal of Central South University***(China)**	22 (2015)	360-367	**Mathematics**	0.520	**S.A. Shehzad**
13	Flow of a power law nanofluid over a stretching surface with Newtonian heating,	T. Hayat, M. Hussain, A. Alsaedi,**S.A. Shehzad**and G.Q. Chen	*Journal of Applied Fluid Mechanics***(Iran)**	8 (2015)	273-280	**Mathematics**	0.746	**S.A. Shehzad**
14	Three-dimensional mixed convection flow of viscoelastic nanofluid over an exponentially stretching	*International Journal of Numerical Methods for Heat & Fluid Flow***(UK)**	T. Hayat, M.B. Ashraf, **S.A. Shehzad**, A. Alsaedi and N. Bayomi	25 (2015)	333-357	**Mathematics**	1.399	**S.A. Shehzad**

	surface,							
15	Flow of an Oldroyd-B fluid with nanoparticles and thermal radiation	*Applied Mathematics and Mechanics-English Edition***(China)**	T. Hayat, T. Hussain, **S.A. Shehzad** and A. Alsaedi	36 (2015)	69-80	**Mathematics**	1.128	**S.A. Shehzad**
16	Similarity solution to three-dimensional boundary layer flow of second grade nanofluid past a stretching surface with thermal radiation and heat source/sink	*AIP Advances* **(USA)**	T. Hayat, T. Muhammad, **S.A. Shehzad** and A. Alsaedi	5 (2015)	017107	**Mathematics**	1.524	**S.A. Shehzad**
17	Flow of Casson nanofluid with viscous dissipation and convective	T. Hussain, **S.A. Shehzad,**A. Alsaedi, T. Hayat and M. Ramzan	*Journal of Central South University***(China)**	22 (2015)	1132-1140	**Mathematics**	0.520	**S.A. Shehzad**

	conditions: A mathematical model,							
18	Convective heat and mass transfer in MHD mixed convection flow of Jeffrey nanofluid over a radially stretching surface with thermal radiation	M.B. Ashraf, T. Hayat, A. Alsaedi and **S.A. Shehzad**	*Journal of Central South University***(China)**	22 (2015)	1114-1123	**Mathematics**	0.520	**S.A. Shehzad**
19	Mixed convection radiative flow of three dimensional Maxwell fluid over an inclined stretching sheet with thermophoresis and convective condition	M.B. Ashraf, T. Hayat, **S.A. Shehzad** and A. Alsaedi	*AIP Advances* **(USA)**	5 (2015)	027134	**Mathematics**	1.524	**S.A. Shehzad**

20	A model for solar radiation and Joule heating in third grade fluid	T. Hussain,T. Hayat, **S.A. Shehzad,** A. Alsaedi and B. Chen,	*ZNA***(Germany)**	70 (2015)	177-184	**Mathematics**	0.789	**S.A. Shehzad**
21	Stagnation point flow of thixotropic fluid with mass transfer and chemical reaction	**S.A. Shehzad,** T. Hayat, S. Asghar and A. Alsaedi,	*Journal of Applied Fluid Mechanics* **(Iran)**	8 (2015)	465-471	**Mathematics**	0.746	**S.A. Shehzad**
22	**I**nfluence of heat and mass flux conditions in hydromagnetic flow of Jeffrey nanofluid	F.M. Abbasi, **S.A. Shehzad**, T. Hayat, A. Alsaedi and M.A. Obid	***AIP Advances*** **(USA)**	**5 (2015)**	**037111**	**Mathematics**	1.524	**S.A. Shehzad**
23	A mathematical study for three-dimensional boundary layer flow of Jeffrey nanofluid	T. Hayat, T. Muhammad, **S.A. Shehzad** and A. Alsaedi	*ZNA***(Germany)**	70 (2015)	225-233	**Mathematics**	0.789	**S.A. Shehzad**

24	Three-dimensional flow of Eyring-Powell nanofluid over an exponentially stretching sheet,	T. Hayat, M.B. Ashraf,**S.A. Shehzad** and A. Alsaedi,	*International Journal of Numerical Methods for Heat & Fluid Flow***(UK)**	25 (2015)	593-616	**Mathematics**	1.399	**S.A. Shehzad**
25	MHD flow of Jeffrey nanofluid with convective boundary conditions,	**S.A. Shehzad,** T. Hayat and A. Alsaedi,	*Journal of the Brazilian Society of Mechanical Sciences and Engineering* **(Brazil)**	37 (2015)	873-883	**Mathematics**	0.429	**S.A. Shehzad**
26	Interaction of magnetic field in flow of Maxwell nanofluid with convective effect	T. Hayat, T. Muhammad, **S.A. Shehzad,** G.Q. Chen and I.A. Abbas,	*Journal of Magnetism and Magnetic Materials***(Netherlands)**	389 (2015)	48-55	**Mathematics**	48-55	**S.A. Shehzad**
27	Effects of thermophoresis and thermal radiation in mixed convection three-dimensional flow of Jeffrey fluid	**S.A. Shehzad,** T. Hayat, A. Alsaedi and B. Ahmad,	*Applied Mathematics and Mechanics-English Edition***(China)**	36 (2015)	655-668	**Mathematics**	1.128	**S.A. Shehzad**

28	Three-dimensional boundary layer flow of Maxwell nanofluid: A mathematical model	T. Hayat, T. Muhammad, **S.A. Shehzad** and A. Alsaedi,	*Applied Mathematics and Mechanics-English Edition***(China)**	36 (2015)	747-762	**Mathematics**	1.128	**S.A. Shehzad**
29	Soret and Dufour effects in the time-dependent flow with variable free stream,	**S.A. Shehzad**, T. Hayat, A. Alsaedi and S. Asghar,	*AfrikaMatematika***(South Africa)**	26 (2015)	1095-1109	**Mathematics**	0.000	**S.A. Shehzad**
30	Soret and Dufour effects in three-dimensional flow over an exponentially stretching surface with porous medium, chemical reaction and heat source/sink,	T. Hayat, T. Muhammad, **S.A. Shehzad** and F. Alsaadi,	*International Journal of Numerical Methods for Heat & Fluid Flow***(UK)**	25 (2015)	762-781	**Mathematics**	1.399	**S.A. Shehzad**

31	Mixed convection flow of viscoelastic nanofluid over a stretching cylinder,	T. Hayat, M.B. Ashraf, **S.A. Shehzad** and N.N. Bayomi,	*Journal of the Brazilian Society of Mechanical Sciences and Engineering* **(Brazil)**	37 (2015)	849-859	**Mathematics**	0.429	**S.A. Shehzad**
32	Convective heat and mass transfer effects in three-dimensional flow of Maxwell fluid over a stretching surface with heat source,	T. Hayat, M.B. Ashraf, A. Alsaedi and **S.A. Shehzad**,	*Journal of Central South University***(China)**	22 (2015)	717-726	**Mathematics**	0.520	**S.A. Shehzad**
33	Mixed convection flow of an Oldroyd-B fluid with power law heat flux and heat source,	T. Hayat, M.B. Ashraf, S. Al-Mezel and **S.A. Shehzad**	*Journal of the Brazilian Society of Mechanical Sciences and Engineering* **(Brazil)**	37 (2015)	423-430	**Mathematics**	0.429	**S.A. Shehzad**
34	Doubly stratified mixed convection flow of Maxwell nanofluid with heat generation/absor	F.M. Abbasi, **S.A. Shehzad,** T. Hayat and B. Ahmad,	*Journal of Magnetism and Magnetic Materials***(Netherlands)**	404 (2016)	159-165	**Mathematics**	1.970	**S.A. Shehzad**

	ption,							
35	Radiative three dimensional flow with chemical reaction,	T. Hayat, T. Muhammad, **S.A. Shehzad,** A. Alsaedi and F. Al-Solami	*International Journal of Chemical Reactor Engineering***(USA)**	14 (2016)	79-91	**Mathematics**	0.592	**S.A. Shehzad**
36	Three-dimensional MHD flow of Casson fluid in porous medium with heat generation,	**S.A. Shehzad,** T. Hayat and A. Alsaedi,	*Journal of Applied Fluid Mechanics* **(Iran)**	9 (2016)	215-223	**Mathematics**	0.746	**S.A. Shehzad**
37	Thermally radiative three-dimensional flow of Jeffrey nanofluid with internal heat generation and magnetic field	**S. A. Shehzad**, Z. Abdullah, A. Alsaedi, F.M. Abbasi and T. Hayat,	*Journal of Magnetism and Magnetic Materials***(Netherlands)**	397 (2016)	108-114	**Mathematics**	1.970	**S.A. Shehzad**

38	Analytical study of Cattaneo-Christov heat flux model for boundary layer flow of an Oldroyd-B fluid,	F. M. Abbasi, M. Mustafa, **S.A. Shehzad,** M.S. Alhuthaliand T. Hayat,	*Chinese Physics B***(China)**	25 (2016)	014701	**Mathematics**	1.603	**S.A. Shehzad**
39	Magnetic field effect in three-dimensional flow of an Oldroyd-B nanofluid over a radiative surface,	**S. A. Shehzad**, Z. Abdullah, F.M. Abbasi, T. Hayat and A. Alsaedi,	*Journal of Magnetism and Magnetic Materials***(Netherlands)**	399 (2016)	97-108	**Mathematics**	1.970	**S.A. Shehzad**
40	Stretched flow of Carreau nanofluid with convective boundary condition,	T. Hayat, M. Waqas, **S.A. Shehzad** and A. Alsaedi,	*Pramana Journal of Physics***(India)**	86 (2016)	3-17	**Mathematics**	0.649	**S.A. Shehzad**
41	Three dimensional boundary layer flow of viscoelastic nanofluid with Soret and Dufour effects,	M. Ramzan, S. Inam and **S.A. Shehzad,**	*Alexandria Engineering Journal***(Egypt)**	55 (2016)	311-319	**Mathematics**	0.000	**S.A. Shehzad**

42	Mixed convection flow of viscoelastic nanofluid by a cylinder with variable thermal conductivity and heat source/ sink,	T. Hayat, M. Waqas, **S.A. Shehzad** and A. Alsaedi,	*International Journal of Numerical Methods for Heat & Fluid Flow***(UK)**	26 (2016)	214-234	**Mathematics**	1.399	**S.A. Shehzad**
43	Unsteady MHD flow over an exponential stretching sheet with slip conditions,	T. Hayat, A. Shafiq, A. Alsaedi and **S.A. Shehzad,**	*Applied Mathematics and Mechanics-English Edition***(China)**	37 (2016)	193-208	**Mathematics**	1.128	**S.A. Shehzad**
44	A model of solar radiation and Joule heating in magnetohydrodynamic (MHD) convective flow of thixotropic nanofluid,	T. Hayat, M. Waqas, **S.A. Shehzad** and A. Alsaedi,	*Journal of Molecular Liquids***(Netherlands)**	215 (2016)	704-710	**Mathematics**	2.515	**S.A. Shehzad**

45	A useful model for solar radiation,	**S.A. Shehzad,** T. Hayat, A. Alsaedi and B. Chen,	*Energy, Ecology & Environment***(China)**	1 (2016)	30-38	**Mathematics**	0.000	**S.A. Shehzad**
46	Dynamical Stability of Collapsing Stars in Einstein Gauss-Bonnet Gravity	**G. Abbas** and S. Sarwar	Astro. Phys. Space Sci.	357(2015)	23	**Mathematics**	2.401	**G. Abbas** and S. Sarwar
47	Dynamics of Anisotropic Collapsing Spheres in Einstein Gauss-Bonnet Gravity **G.**	**Abbas** and M. Zubair	Mod. Phys. Lett.	**A30** (2015)	1550038	**Mathematics**	**1.38**	**Abbas** and M. Zubair
48	Anisotropic Compact Stars in *f(T)* Gravity	**G. Abbas**, A. Kanwal, and M. Zubair,	Astrophysics and Space Sci.	357(2015)	109	**Mathematics**	**2.40**	**G. Abbas**, A. Kanwal, and M. Zubair,

49	Magnetohydrodynamics of Viscous flow with second order slip flow Model: T.	Mahmood and S.M. Shah and **G.Abbas,**	Heat Transfer Research	46(2015)725	725	**Mathematics**	0.407	**G.Abbas,**
50	Gravitational Collapse and Expansion of Cylindrical Charged Anisotropic Source T.	Mahmood, S.M. Shah and **G. Abbas**	Astrophysics and Space Sci.	357(2015)56	56	**Mathematics**	**2.401**	**G.Abbas,**
51	Anisotropic Compact Stars in *f(G)* Gravity:	**G. Abbas**, D. Momeni, M.A. Ali, R. Myrzakulov, and S. Qaisar	Astrophysics and Space Science	357 (2015)158	158	**Mathematics**	**2.401**	**G. Abbas, and S. Qaiser**
52	Cosmological Evolution of Interacting Pilgrim Dark Energy with Conformal Age of the Universe,	A. Jawad and **G. Abbas**	Int. J. Mod. Phys. D	D24(2015)	1550061	**Mathematics**	**1.76**	**G. Abbas**

53	Reconstructing Ghost Dark Energy in *f(R, T)* gravity	M. Zubair and **G. Abbas**	Astrophysics and Space Science	357(2015)	154	**Mathematics**	**2.401**	M. Zubair and **G. Abbas**
54	Anisotropic Strange Quintessence Stars in *f(T)* Gravity,	**G. Abbas**, S. Qaisar and M.A. Meraj	Astrophysics and Space Science	357 (2015)	156	**Mathematics**	**2.401**	**G. Abbas**, S. Qaisar and M.A. Meraj
55	Anisotropic Strange Quintessence Stars in f(R) Gravity,	**G. Abbas,** M. Zubair and G. Mustafa	Astrophysics and Space Science	357(2015)	955	**Mathematics**	**2.401**	**G. Abbas,** M. Zubair
56	Collapsing Plane Symmetric Source with Heat Flux and Conformal Flatness	**G. Abbas**, Z. Ahmad and H. Shah,	Astrophysics and Space Science	357(2014)	138	**Mathematics**	**2.401**	**G. Abbas**
57	Shearfree Condition and dynamical Instability in f(R,T) gravity	I. Noureen , M. Zubair and A.A. Bhatti and **G. Abbas**	European Phys. Journal C	75(2015)	323	**Mathematics**	**5.084**	I. Noureen , M. Zubair and A.A. Bhatti and **G. Abbas**

58	Strange Stars in f(T) Gravity With MIT Bag	**G.** Abbas, Shahid Qaisar and Abdul Jawad	Model Astrophysics and Space Sci.	359(2015)	57	**Mathematics**	**2.401**	G. Abbas, Shahid Qaisar
59	MHD flow of a micropolar fluid over a stretchable disk in a porous medium with heat and mass transfer	A. Rauf[1,a)], M. Ashraf[2], K. Batool[2], M. Hussain[3] and M. A. Meraj	AIP Advances	**5**, (2015)	077156	**Mathematics**	**1.523**	A. Rauf, and M. A. Meraj
60	**International Journal of Geometric Methods in Modern Physics**	Davood Momeni, Muhammad Raza, Ratbay Myrzakulov	IJGMMP	13 1	1550131[28	**Mathematics**		Muhammad Raza
61	The Borda Majority Counts	Manzoor. Ahamd Zahid	Informations Sciences	295(2015)	429-440	**Mathematics**		Manzoor. Ahamd Zahid