

SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY,
LONGOWAL, DISTT. SANGRUR. DEEMED UNIVERSITY,
ESTABLISHED BY : GOVT. OF INDIA

DEPARTMENT OF MATHEMATICS

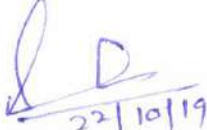
Ref. No. SLIST/mathis/423

Dated: 22/10/19

From : HOD(Mathematics)
To : Coordinator, IQAC
Subject : Academic Audit for the Academic Year 2018-19

This is with reference to circular Ref. No. IQAC/4/5/237-48 dated 18.10.2019 on the subject cited above.

Please find attached copy of information required by you.


22/10/19
HOD(Mathematics)


Subject: Minutes of meeting of Academic Audit Committee.

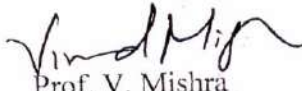
Academic audit committee visited Mathematics department on 04.06.2019 for the academic audit of the department. Following officials were present:


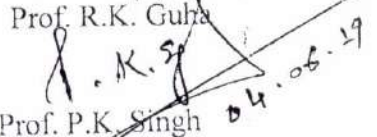
1. Prof. P.K. Singh
2. Prof. M.M. Sinha
3. Prof. Parveen Kaur Khanna
4. Prof. R.K. Guha
5. Prof. V. Mishra
6. Mr. Yogesh Kapil
7. Prof. Sushma Gupta

The committee members made the following recommendations:

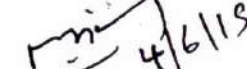
1. Course files should be on OBE pattern.
2. Separate course files for practical courses should be prepared.
3. More efforts should be made to decrease failure rate.
4. Faculty should be encouraged to submit proposals for externally funded projects.
5. Efforts should be made to generate consultancy.


Mr. Yogesh Kapil


Prof. V. Mishra


Prof. R.K. Guha

Prof. P.K. Singh 04.06.19


Prof. Parveen Kaur Khanna


Prof. M.M. Sinha


Prof. Sushma Gupta

Despatch No. / संख्या संख्या 629
SLET/Maths.
संस्था/संस्था/संस्था/संस्था
Date / तिथि 04/06/19

Dean (Academic)

Result of PG

M.Sc./15

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/Ist	Dr. S.S.Dhaliwal	M.Sc.(Maths)/15	MA-8101	16	100
2		Dr. Sushma Gupta		MA-8102		100
3		Dr. Mandeep Singh		MA-8103		14/16
4		Dr. Vinod Mishra		MA-8104		100
5		Dr. J.R.Sharma		MA-8105		100

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/IIInd	Dr. S.S.Dhaliwal	M.Sc.(Maths)/15	MA-8201	16	100
2		Dr. Sushma Gupta		MA-8202		100
3		Dr. Mandeep Singh		MA-8203		81.25
4		Dr. V.K.Kukreja		MA-8204		100
5		Dr. R.K.Mishra		MA-8205		100

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/IIIrd	Dr. S.S.Dhaliwal	M.Sc.(Maths)/15	MA-9101	16	100
2		Sh. Yogesh Kapil		MA-9102		100
3		Dr. R.K.Guha		MA-9103		100
4		Dr. R.K.Goyal		MA-9104		100
5		Dr. R.K.Guha		MA-9107		100
6		Mr. Y.Kapil		MA-9151		100

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/4 th	Dr. S.S.Dhaliwal	M.Sc.(Maths)/15	MA-9201	16	100
2		Dr. Vinod Mishra		MA-9202		100
3		All Faculty Members		MA-9203		100
4		Dr. J.R.Sharma		MA-9204		100
5		Dr. R.K.Guha		MA-9205		100



M.Sc./16

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/Ist	Dr. S.S.Dhaliwal	M.Sc.(Maths)/16	MA-8101	19	100
2		Dr. Sushma Gupta		MA-8102		100
3		Dr. Mandeep Singh		MA-8103		73.68
4		Dr. Vinod Mishra		MA-8104		100
5		Dr. J.R.Sharma		MA-8105		100

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/IIInd	Dr. S.S.Dhaliwal	M.Sc.(Maths)/16	MA-8201	19	100
2		Dr. Sushma Gupta		MA-8202		84.2
3		Dr. Mandeep Singh		MA-8203		84.2
4		Dr. V.K.Kukreja		MA-8204		100
5		Dr. R.K.Mishra		MA-8205		100
6		Mr. Yogesh Kapil		MA-8251		100

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17//3 rd	Dr. S.S.Dhaliwal	M.Sc.(Maths)/16	MA-9101	19	100
2		Dr. R.K.Mishra		MA-9102		100
3		Dr. R.K.Goyal		MA-9103		100
4		Dr.V.K.Kukreja		MA-9104		100
5		Dr. R.K.Guha		MA-9107		100
6		Dr. S.S.Dhaliwal		MA-9152		100

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/4 th	Dr. S.S.Dhaliwal	M.Sc.(Maths)/16	MA-9201	19	100
2		Mr. Yogesh Kapil		MA-9202		100
3		All Faculty Members		MA-9203		100
4		Dr. J.R.Sharma		MA-9204		100
5		Dr. R.K.Guha		MA-9205		100
6		Dr. S.Gupta/ Dr. V.K.Kukreja/Dr.J.R.Sharma		MA-9251		100

M.Sc./17

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2017-18/Ist	Dr. S.S.Dhaliwal	M.Sc.(Maths)/17	MA-8101	19	100
2		Dr. Sushma Gupta		MA-8102		100
3		Dr. Mandeep Singh		MA-8103		68.42
4		Dr. Vinod Mishra		MA-8104		100
5		Dr. J.R.Sharma		MA-8105		89.47

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2017-18/IIInd	Dr. S.S.Dhaliwal	M.Sc.(Maths)/17	MA-8201	19	100
2		Dr. Sushma Gupta		MA-8202		94.73
3		Dr. Mandeep Singh		MA-8203		84.2
4		Dr. V.K.Kukreja		MA-8204		89.47
5		Dr. R.K.Mishra		MA-8205		94.73
6		Mr. Yogesh Kapil		MA-8251		100

R.M.

Sant Longowal Institute of Engineering & Technology

PROFORMA OF ASSESSMENT

1. NAME OF THE DEPARTMENT : Mathematics
2. YEAR OF ESTABLISHMENT : 1991
3. REVIEWER(S) : 1. Dr. P. K. Singh, Dean (R&C)
2. Dr. M. M. Sinha, Prof. (Physics)
3. Dr. Parveen Kaur Khanna, Prof. (M&H)
4. Dr. R. K. Guha, Prof. (Mathematics)
5. Dr. Sushma Gupta, HOD (Mathematics)
4. DATE OF REVIEW: : 04.06.2019
5. COURSES OFFERED: (Branch and specialization, year of start:

ICD	UG	PG	Ph.D
		M.Sc. (Mathematics), 2011-12*	2007

* No student was admitted during the academic sessions 2013-14 and 2014-15.

6. INTAKE OF THE COURSE:

Name of Courses/Branch	2015-16		2016-17		2017-18	
	Admitted	Passed	Admitted	Passed	Admitted	Passed
ICD						
UG						
PG*	16	-	19	-	17	15
Ph.D.	Full Time	3	1	1	0	2
	Part Time		3		1	1

* Intake in PG (M. Sc. -- Mathematics) is 20.

7. LABORATORY FACILITY:

S. No.	Name of the lab	Status of Lab (Quite modernized/Need to be modernized)	Status of Lab Equipment (Functioning properly/ Need maintenance/ upgradation)	No of experiments (Adequate /Need to be increased)
1	Numerical Methods Lab	Software like Mathematica etc. need to be purchased for more users.	Some UPS need to be repaired.	Adequate

• Number of laboratories : Need addition




8. RESEARCH GROUP(S)/ INTERDISCIPLINARY GROUP(S) :

Research Groups (Broad Area of Research)	Name of Faculty Involved
Numerical Analysis	Prof. J.R. Sharma, Prof. V. K. Kukreja Prof. R. K. Guha Prof. V. Mishra
Complex Analysis	Prof. S. S. Dhaliwal Prof. Sushma Gupta
Matrix / Operator Theory	Prof. Mandeep Singh Mr. Yogesh Kapil
Wavelet Analysis	Prof. V. Mishra
Cosmology / Relativity	Prof. R. K. Mishra Prof. J. R. Sharma
History of Mathematics	Prof. V. Mishra
Mathematical Modelling	Prof. V. K. Kukreja Prof. R. K. Guha Prof. R. K. Mishra

9. CONTRIBUTION OF FACULTY AND STAFF (Last three years):

Name of Faculty/ Staff	Designation/ Qualification /Status	Contribution in Teaching (punctuality/ innovation/ use of ICT)	Contri bution in B Tech or ICD project s	Contribution in Research (Publications#/ Projects/ Ph.D. & M Tech guidance/ Consultancy/ Patent)		Other (Department/ Institute/ National/ International)
				No. of Publications	No. of Ph. D. Guided	
Prof. S. S. Dhaliwal	Professor /Ph. D.	Teaching ICD, B.Tech and M.Sc. students	-	Publications: SCI:5 Scopus:5 Others:1	3	Appellate Authority, RTI.
Prof. Mandeep Singh	Professor /Ph. D.	Teaching ICD, B.Tech and M.Sc. students	-	Publications: SCI:5, Scopus:5	0	Chairman, SET - 2019
Prof. Vinod Mishra	Professor /Ph. D.	Teaching ICD, B.Tech and M.Sc. students	-	Publications: SCI:1, Scopus:2 Others:2	0	
Prof. S. Gupta	Professor /Ph. D.	Teaching ICD, B.Tech and M.Sc. students	-	Publications: SCI:5 Scopus:5	2	HOD since Aug., 2015

R.M.

2
J.R.

Prof. V. K. Kukreja	Professor /Ph. D.	Teaching ICD, B.Tech and M.Sc. students	-	5	1	Procurement Coordinator, TEQIP - III
Prof. J. R. Sharma	Professor /Ph.D.	Teaching ICD, B.Tech and M.Sc. students	-		1	Publications: SCI: 20 Scopus:18 Refereed: 12 Guided 2
Prof. R. K. Mishra	Professor /Ph. D.	Teaching ICD, B.Tech and M.Sc. students	-		2	SCI/SCOPUS : 06 Refereed Jr.:02 Conference : 01 HOD, T & P Since Sep. 2016
Prof. R. K. Guha	Professor /Ph. D.	Teaching ICD, B.Tech and M.Sc. students	-		1	Publications: SCI: 2, Scopus:2 Others:1 Chairman, Sports Committee since 2015
Sh. R. K. Goyal	Associate Professor	Teaching ICD, B.Tech and M.Sc. students	-			
Mr. Yogesh Kapil	Assistant Professor	Teaching ICD, B.Tech and M.Sc. students	-			Publications: SCI:4 Scopus:4 Warden since July 2016.

publications category wise- Conference, SCI, other Scopus, Refereed

The faculty uses the teaching aids like PPT/Board during delivery of lectures for ICD, UG & PG students: Annexure I

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age

10. INFRASTRUCTURE:

Special Facilities in the Department (if any)	No special facility
Unique features of the department	nil
Shortage in department (if any)	Computational Research lab is required.

11. ANNUAL BUDGET OF THE DEPARTMENT (Allocated and Expenditure):

	2015-16	2016-17	2017-18	2018-19
Equipments	05 lacs	10 lacs	1.5 lacs	nil
Maintenance				
Tour & Training				
Research & Development				

R.M.

J.D.

12. NO. OF SEMINARS/CONFERENCES/SHORT TERM COURSES ATTENDED/ORGANIZED
(last 3 years): Annexure II

	2015-16	2016-17	2017-18
Details of Seminars/Conferences/STTP organized by the faculty in the institute	1	1	2
Details of Seminars/Conferences attended by the faculty outside the institute	2	10	10

13. RESEARCH PUBLICATIONS IN THE DEPARTMENT/CENTER: Annexure III

	2015-16	2016-17	2017-18
SCI/SCIE Journals	15	18	11
Scopus Indexed	14	18	13
Peer reviewed	8	10	8
Indexed conferences	nil	01	01
National Conferences	01	02	01
International Conferences		2	5
Books Published		1	
Any other			

14. STUDENTS PERFORMANCE IN NATIONAL LEVEL COMPETITIVE EXAMS (Gate/NET etc.)

	2015-16	2016-17	2017-18
GATE	3	1	-
CAT	-	-	-
NET	2	-	-

15. DETAILS OF STUDENT ACTIVITIES

(Workshops/ seminars/industrial tours/ Delivery beyond syllabi/ innovative practices/ remedial activities/ Tutor-Guardian scheme implementation)

- Four students of M. Sc. /2017 batch took the remedial classes of ICD students in courses AM-111 and AM-211.
- Three students of M. Sc. 2017 batch are taking classes of AM-121 repeat students.
- Mr. Yogesh Kapil, Assistant prof., gave NET coaching to PG students, voluntarily.
- National Science week is organized every year.

16. (a) **NEW FACILITIES CREATED IN LAST 3 YRS:** Smart class room has started functioning.

(b) **NEW EQUIPMENTS PROCURED IN LAST 3 YRS (BASIC EQUIPMENTS) :**



 4

(i) 42 new PCs were procured in 2016.

(ii) 6 UPS were purchased in 2016.

(c) **PROCUREMENT OF SOME ADVANCED EQUIPMENTS** (for research and consultancy): Nil

17. **REQUIREMENT FOR BETTERMENT** :
1. Latest version of the software MATHEMATICA, MATLAB and SPSS.
 2. Subscription of e-resources of journals and books
 3. More regular faculty is required.
 4. Regular Lab technician is required.
 5. HOD office is required.

18. **STRENGTH OF THE DEPARTMENT** :

- i. The department has well qualified, experienced and dedicated faculty and staff.
- ii. One computer lab for UG students is functional.
- iii. Two year PG Course is running successfully.
- iv. Entry in Ph. D. and PG students is through national level tests (NET/GATE and CCMN/PUCET/CUCET).
- v. Research activities are in full swing. The department has so far produced 19 Ph. D.s and 15 research scholars are registered for their Ph.D.
- vi. Faculty is engaged in collaborative research at national and international level.
- vii. There is a constantly adapting and evolving curriculum.

WEAKNESS OF THE DEPARTMENT:

- i. Very few journals available online.
- ii. Enough faculty and staff positions are not sanctioned in proportion to the increased student intake.
- iii. Less inter-disciplinary research.
- iv. Faculty shortage in the field of Statistics.
- v. Class room facilities are inadequate.

19. **INTERNATIONAL EXPOSURE** (in the form of visiting professor or academic associates): nil

20. **FACULTY ATTENTIVENESS**

- Course File Preparation : Yes
- Attendance Register : Yes
- Display of attendance alert: announced by respective teachers in their classes.
- Preparation of model answer: Yes

- Makeup classes: Yes
- Use of ICT in Teaching: Yes

Outcomes

		Details
1	Placements i. Placement of ICD ii. Placement of B.Tech iii. Placement of Masters Student iv. Placement of Ph.D Students (Annexure - IV)	All Ph. D. awardees are well-placed. Annexure IV. Some of the PG students are also placed at various govt/private schools/colleges.
2	Average No. of Ph.D.s Awarded per Year	2
3	Publications per Faculty in Indexed Journals/Year (Average of last three years)	3
4	Average Citations per Faculty/Year (Last-Three Years) (Web of Science/Scopus)	41
5	Recognitions; Awards(National/International) to Faculty/Students	nil
6	Consultancy and Externally Funded Projects	nil
7	No. of Ph.D. graduates who took Academics as Career (Last 5 Years)	12

Date:

Name & Signature of Audit Committee

Prof. P.K. Singh

Prof. M.M. Sinha

Prof. Parveen Kaur

Prof. R.K. Guha

Prof. Sushma Gupta

P.K. Singh
M.M. Sinha
04/06/19
R.K. Guha
04/06/19

Sushma Gupta
04/06/19
Name & Signature of HOD

(Prof. Sushma Gupta)

Result of UG

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/Ist	Sh. R.K.Goyal	GEC/15	AM-411	13	69.2
2			GIN/15		9	77.77
3		Dr. Sushma Gupta	GME/15		30	90.0
4			GCT/15		18	77.77
5			GFT/15		10	50.0
6			GWT/15		22	63.63
7		Dr. J.R.Sharma	GCS/15		54	90.74
8			GEE/15		47	91.48

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/IIIrd	Dr. V.K.Kukreja	GCS/2014	AM-511	59	88.13
2		Dr. S.S.Dhaliwal	GCS/14		58	62.06
3		Mr. Kamran Khan	GCT/14		63	84.12
4		Dr. Mandeep Singh	GEC/14		41	68.29
5			GEC(LEET)/14		22	100
6			GME/14		31	96.77
7			GME(LEET)/14		55	65.45
8		Mr. Yogesh Kapil	GFT/14		40	65.00
9			GFT(LEET)/14		18	83.33
10		Mr. Kamran Khan	GIN/14		55	76.36
11		Dr. Vinod Mishra	GWT/14		82	85.36
12			GEC/14		59	88.135

R.M.K.

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/IVth	Dr. V.K.Kukreja and Yogesh Kapil	GCS/2014 & GCS2015	AM-521	116	94.82
2		Dr. S.S.Dhaliwal	GCS/14		58	62.06
3		Dr. R.K.Mishra	GCT/14		62	90.32
4		Dr. S.S.Dhaliwal	GEC/14		61	98.36
5		Dr. Vinod Mishra	GME/14		86	100
6		Dr.R.K.Guha	GFT/14		56	94.64
7		Mr. Kamran Khan	GIN/14		55	76.36
8		Sh.Raj Kumar Goyal	GWT/14		82	76.58

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/Vth	Dr. V.K.Kukreja	GME/14	AM-6101	65	98.46
2		Dr. S.S.Dhaliwal	GCT/14		37	100
3		Dr.R.K.Guha	GFT/14		44	95.45
4		Mr. Yogesh Kapil	GWT/14		63	100
5		Dr. V.K.Kukreja	GME/14	AM-6151	65	100
6		Dr. S.S.Dhaliwal	GCT/14		37	
7		Dr.R.K.Guha	GFT/14		44	100
8		Mr. Yogesh Kapil	GWT/14		63	100

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/VIth	Dr. J.R.Sharma	GCS/14	AM-6201	90	91.11
2		Dr. Mandeep Singh	GEC/14		59	88.135
3		Dr. R.K.Guha	GIN/14		54	100
4		Dr. J.R.Sharma	GCS/14	AM-6251	90	100
5		Dr. Mandeep Singh	GEC/14		59	100
6		Dr. R.K.Guha	GIN/14		54	100

R.M.

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/Ist	Dr. S. Gupta	GME/16	AM-411	19	89.47
2			GWT/16		12	91.66
3		Dr. V.K.Kukreja	GFT/16		4	100
4			GCT		11	100
5	2016-17/ IInd	Dr. S. Gupta	GEC/16	AM-421	15	93.33
6		Dr. S. Gupta	GIN/16		6	100
7		Dr. S. Gupta	GEE/16		15	93.33
8		Mr. Y. Kapil	GCS/15		31	93.54

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/IIIrd	R.K.Goyal	GEC/15	AM-511	59	71.18
2		R.K.Goyal & Y.K	GME/15		76	89.47
3		R.K.Goyal	GIN/15		46	60.86
4		Dr. R.K.Guha & R.K.Mishra	GWT/15		76	75.00
5		Mr. Y.Kapil	GFT/15		32	75.00
6			GEE/15		60	90.00
7			GCT/15		53	88.67
8		Dr. V. Mishra	GCS/15(A&B)		58	91.37
9		Dr. J.R.Sharma	GCS/15(C&D)		59	57.62

R.K.Goyal

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/IVth	Dr. R.K.Mishra	GME(A)/15	AM-521	39	94.89
2		R.K.Goyal	GME(B)/15		37	94.59
3		Dr. V.K.Kukreja	GWT(B)/15		36	62.5
4		Dr. V.Mishra	GWT(A)/15		39	92.30
5		Dr. V.K.Kukreja	GCS(C&D)/16		59	96.61
6		Sh. R.K.Goyal	GFT/15		31	80.64
7		Dr. J.R. Sharma	GEC/16		59	88.13
8		Dr. R.K.Guha	GCS(A&B)		57	98.24
9		Dr. V.Mishra	GCT/15		53	94.33

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/Vth	Dr. R.K.Mishra	GEE/14	AM-611	56	94.64
2		Dr. J.R.Sharma	GIN/14		52	96.15

R.K.M.

Result of ICD

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/Ist	V.K. KUKREJA	CDE (A&B)/15	AM-111	59	88.13
2	2015-16	R.K. GOYAL	CDE (C&D)/15	AM-111	60	55
3	2015-16	R.K. GOYAL	CSMM/15	AM-111	50	84
4	2015-16	YOGESH KAPIL	CSME/15	AM-111	28	78.6
5	2015-16	YOGESH KAPIL	CTV/15	AM-111	27	88.9
6	2015-16	YOGESH KAPIL	CFP/15	AM-111	49	90
7	2015-16	AVTAR CHAND	CTD/15	AM-111	27	100
8	2015-16	AVTAR CHAND	CBM/15	AM-111	29	79.3
9	2015-16	DEEPAK KUMAR	CFE/15	AM-111	32	53.1
10	2015-16	DEEPAK KUMAR	CWG/15	AM-111	31	71
11	2015-16	KAMRAN KHAN	CAC/15	AM-111	28	78.6
12	2015-16	KAMRAN KHAN	CAF/15	AM-111	28	85.7
13	2015-16	KAMRAN KHAN	CPT/15	AM-111	54	68.5
14	2015-16	ANCHAL	CEN/15	AM-111	61	74

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/IIInd	VINOD MISHRA & YOGESH KAPIL	CDE (A&B)/15	AM-121	60	43.3
2	2015-16	MANDEEP SINGH & ANCHAL	CDE (C&D)/15	AM-121	58	79.3
3	2015-16	R.K. GUHA	CSMM/15	AM-121	49	79.6
4	2015-16	YOGESH KAPIL	CSME/15	AM-121	27	77.8
5	2015-16	YOGESH KAPIL	CTV/15	AM-121	25	96
6	2015-16	PARMJEET KAUR	CFP/15	AM-121	45	78
7	2015-16	PARMJEET KAUR	CTD/15	AM-121	26	96.1
8	2015-16	PARMJEET KAUR	CBM/15	AM-121	27	92.6
9	2015-16	PARMJEET KAUR	CFE/15	AM-121	30	73.3
10	2015-16	PARMJEET KAUR	CWG/15	AM-121	30	63.3
11	2015-16	VINOD MISHRA	CAC/15	AM-121	22	82
12	2015-16	VINOD MISHRA	CAF/15	AM-121	25	68
13	2015-16	YOGESH KAPIL	CPT/15	AM-121	53	83
14	2015-16	J.R. SHARMA	CEN/15	AM-121	58	69

RMR

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/III	R.K. GUHA & SUNIL KUMAR	CFP/15	AM-211	38	86.8
2	2015-16	HEENA DUA	CTD/15	AM-211	27	52
3	2015-16	HEENA DUA	CBM/15	AM-211	26	65.4
4	2015-16	V.K. KUKREJA	CFP/15	AM-211	24	66.7
5	2015-16	V.K. KUKREJA	CWG/15	AM-211	27	70.4
6	2015-16	MANDEEP SINGH	CAC/15	AM-211	22	63.6
7	2015-16	MANDEEP SINGH	CAF/15	AM-211	21	57.1
8	2015-16	MANDEEP SINGH	CPT/15	AM-211	52	69

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2015-16/IV	V.K. KUKREJA	CDE (A&B)/15	AM-221	57	72
2	2015-16	R.K. MISHRA & HEENA DUA	CDE (C&D)/15	AM-221	45	82.2
3	2015-16	R.K. GUHA	CSMM/15	AM-221	45	91.1
4	2015-16	R.K. GOYAL	CSME/15	AM-221	26	73.07
5	2015-16	R.K. GOYAL	CTV/15	AM-221	22	77.3
6	2015-16	J.R. SHARMA	CEN/15	AM-221	54	61.1

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/Ist	DEEPAK	CDE (A&B)/16	AM-111	65	26
2	2016-17	V.K. KUKREJA	CDE (C&D)/16	AM-111	64	60
3	2016-17	PARMJEET KAUR	CSMM/16	AM-111	62	51.6
4	2016-17	PARMJEET KAUR	CSME/16	AM-111	31	77.4
5	2016-17	PARMJEET KAUR	CTV/16	AM-111	31	61.3
6	2016-17	PARMJEET KAUR	CFP/16	AM-111	65	50.8
7	2016-17	PARMJEET KAUR	CTD/16	AM-111	31	74.2
8	2016-17	PARMJEET KAUR	CBM/16	AM-111	27	92.6
9	2016-17	VINOD MISHRA	CFP/16	AM-111	31	64.5
10	2016-17	VINOD MISHRA	CWG/16	AM-111	31	71
11	2016-17	R.K. MISHRA	CAC/16	AM-111	31	67.7

R.K.

12	2016-17	R.K. MISHRA	CAF/16	AM-111	30	63.3
13	2016-17	ANCHAL	CPT/16	AM-111	60	56.7
14	2016-17	CHINU SINGLA	CEN/16	AM-111	64	50

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/IIInd	MANDEEP SINGH	CDE (A&B)/16	AM-121	61	80.3
2	2016-17	DEEPAK & ANCHAL	CDE (C&D)/16	AM-121	59	44.6
3	2016-17	GEETIKA	CSMM/16	AM-121	60	71.6
4	2016-17	GEETIKA	CSME/16	AM-121	31	87
5	2016-17	GEETIKA	CTV/16	AM-121	31	74.2
6	2016-17	PARMJEET KAUR	CFP/16	AM-121	60	90
7	2016-17	GEETIKA	CTD/16	AM-121	29	89.7
8	2016-17	GEETIKA	CBM/16	AM-121	27	92.6
9	2016-17	YOGESH KAPIL	CFE/16	AM-121	29	82.6
10	2016-17	YOGESH KAPIL	CWG/16	AM-121	30	100
11	2016-17	PARMJEET KAUR	CAC/16	AM-121	29	65.5
12	2016-17	PARMJEET KAUR	CAF/16	AM-121	30	66.7
13	2016-17	PARMJEET KAUR	CPT/16	AM-121	59	84.7
14	2016-17	CHINU SINGLA & HEENA DUA	CEN/16	AM-121	60	81.7

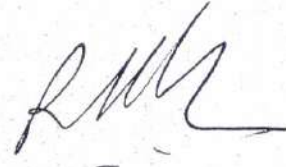
S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/IIIrd	HEENA DUA	CFP/16	AM-211	49	81.6
2	2016-17	YOGESH KAPIL	CTD/16	AM-211	24	87.5
3	2016-17	HEENA DUA	CBM/16	AM-211	26	65.4
4	2016-17	R.K. GOYAL	CFE/16	AM-211	23	100
5	2016-17	R.K. GOYAL	CWG/16	AM-211	26	92.3
6	2016-17	MANDEEP SINGH	CAC/16	AM-211	30	66.7
7	2016-17	MANDEEP SINGH	CAF/16	AM-211	26	53.8
8	2016-17	MANDEEP SINGH	CPT/16	AM-211	48	66.7

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2016-17/IVth	V.K. KUKREJA	CDE (A&B)/16	AM-221	52	78.8
2	2016-17	R.K. MISHRA	CDE (C&D)/16	AM-221	50	86
3	2016-17	R.K. MISHRA & ANCHAL	CSMM/16	AM-221	49	77.5
4	2016-17	J.R. SHARMA	CSME/16	AM-221	29	96.5
5	2016-17	J.R. SHARMA	CTV/16	AM-221	26	76.9
6	2016-17	J.R. SHARMA & V.K. KUKREJA	CEN/16	AM-221	41	90.2

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No. of Students	Pass %age
1	2017-18/1st	PARMJEET KAUR	CDE (A&B)/117	AM-111	62	72.6
2	2017-18	ANCHAL & CHINU SINGLA	CDE (C&D)/17	AM-111	63	58.7
3	2017-18	SUSHMA GUPTA & R.K. GUHA	CSMM/17	AM-111	62	23.7
4	2017-18	R.K. MISHRA & HEENA DUA	CSME/17	AM-111	33	39.4
5	2017-18	R.K. MISHRA & HEENA DUA	CTV/17	AM-111	33	36.4
6	2017-18	DEEPAK & SUNIL KUMAR	CFP/17	AM-111	64	39
7	2017-18	PARMJEET KAUR	CTD/17	AM-111	32	68.7
8	2017-18	PARMJEET KAUR	CBM/17	AM-111	31	35.5
9	2017-18	VINOD MISHRA	CFF/17	AM-111	32	75
10	2017-18	VINOD MISHRA	CWG/17	AM-111	33	65.6
11	2017-18	PARMJEET KAUR	CAC/17	AM-111	31	71
12	2017-18	PARMJEET KAUR	CAF/17	AM-111	31	58
13	2017-18	PARMJEET KAUR	CPT/17	AM-111	60	42
14	2017-18	J.R. SHARMA	CEN/17	AM-111	63	51

RMR

S.No.	Academic Year / Semester	Name of Faculty	Class/batch	Subject code	No of Students	Pass %age
1	2017-18/IIInd	MANDEEP SINGH	CDE (A&B)/17	AM-121	60	77
2	2017-18	S.S. DHALIWAL & PARMJEET KAUR	CDE (C&D)/17	AM-121	60	82
3	2017-18	R.K. GOYAL	CSMM/17	AM-121	57	58
4	2017-18	CHINU SINGLA	CSME/17	AM-121	30	90
5	2017-18	CHINU SINGLA	CTV/17	AM-121	29	44.8
6	2017-18	PARMJEET KAUR	CFP/17	AM-121	62	77.4
7	2017-18	PARMJEET KAUR	CTD/17	AM-121	30	93.3
8	2017-18	PARMJEET KAUR	CBM/17	AM-121	30	70
9	2017-18	VINOD MISHRA	CFF/17	AM-121	31	84
10	2017-18	VINOD MISHRA	CWG/17	AM-121	31	81
11	2017-18	R.K. GOYAL	CAC/17	AM-121	29	65.5
12	2017-18	R.K. GOYAL	CAF/17	AM-121	30	66.7
13	2017-18	PARMJEET KAUR	CPT/17	AM-121	57	89.5
14	2017-18	MANDEEP SINGH & ANCHAL	CEN/17	AM-121	62	75.8



Seminars / Conferences organized

1. Prof. Bhudev Sharma, JIIT University, delivered a Lecture on information theory in 2015.
2. Prof. Rajesh Sharma, HPU, Shimla, delivered two lectures on 10th March, 2017 on the topic *Inequalities related to mean and variance of real numbers*.
3. Prof. R.C. Mittal, Professor of Mathematics, IIT Roorkee, visited SLIET, Longowal on 29th Jan., 2018 and delivered expert talk on *Numerical Solutions of Ordinary Differential Equations*.
4. A short term training programme on "Mathematical Modelling and Statistical Techniques" Was organized from July 30, 2018-Aug. 3, 2018.
5. National Mathematics Day was celebrated on 7th Feb., 2019.

Conferences/workshops attended

1. Dr. V. Mishra delivered invited talk at 1st International Conference of Indian Society of Information Theory and Applications on Mathematical Modelling, Optimization and Information Technology & Symposium on History of Mathematics, Sri Sai College of Engineering & Technology, Pathankot (January 16-19, 2015).
2. Dr. V. Mishra delivered invited talk at Conference on History and Development of Mathematics, IITB, Mumbai (November 14-16, 2015).
3. Mr. Yogesh Kapil attended 30th Orientation Programme organised by Human Resource Development Centre, Punjabi University, Patiala on June 20- July 16, 2016.
4. Dr. V. K. Kukreja attended MCEP at IIM, Tiruchirapally from July 25-29, 2016.
5. Dr. V. Mishra delivered invited talk at Conference on History and Development of Mathematics, NIT Manipur, Imphal (November 18-20, 2016).
6. Dr. V. Mishra delivered invited talk at 19th Annual Conference of Vijnana Parishad of India on Recent Advances in Mathematics and Mathematical Sciences, HNB Garhwal University, Pauri Campus (Nov. 10-12, 2016).
7. Dr. Mandeep Singh delivered an invited talk at HPU, Shimla in Nov., 2016.
8. Dr. V. K. Kukreja presented 2 papers in international conference in Punjabi University from Dec. 5-9, 2016.
9. Mr. Yogesh Kapil attended the National seminar on "Algebra and Allied fields" at Department of Mathematics and Statistics, Himachal Pradesh University on March 24-25, 2017.
10. Mr. Yogesh Kapil attended "Conference in the honour of Prof. Rajendra Bhatia" at Indian Statistical Institute, Delhi on May 30-31, 2017.
11. Dr. Mandeep Singh delivered an invited talk at HPU, Shimla in March, 2017.
12. Dr. R. K. Mishra delivered the Invited talk during Int. conf. on "Symbiotic development of Mathematical, Physical, Chemical and computational Sc." by GJSUT-Hisar, Haryana, India scheduled on 28-30, October 2017
13. Dr. V.K. Kukreja visited Singapore from November 9-10, 2017 to present research paper entitled, "Analysis of one dimensional advection diffusion model using finite difference method" co-authored with Ms. Ravneet Kaur at International Conference on Advances in Numerical Methods & Applied Mathematics, organized by World Academy of Science, Engineering and Technology.

14. Dr. R.K. Mishra visited USA from Nov. 13-15, 2017 to present a paper entitled "Comparative studies of cosmological models in alternate theory of gravity with LVDP and BVDP" at 2nd International Conference on Astrophysics and Particle Physics.
15. Mr. Yogesh Kapil attended the conference on "Matrix and Functional Analysis" at Department of Mathematics, Dr. B. R. Ambedkar NIT Jalandhar on Nov 30-Dec 02, 2017.
16. Dr. R. K. Guha was guest speaker at DST sponsored Inspire internship Science Camp on Nov. 15, 2017.
17. Dr. Mandeep Singh delivered an invited talk on the topic "Some Highlights of Prof. Rajender Bhatia's work on Perturbation of eigenvalues and eigen spaces" in the conference on Matrix and Functional Analysis at NIT, Jalandhar from Nov. 30 -December 2, 2017.
18. Dr. R. K. Guha delivered invited talk at international conferences at Jadavpur University from 9-12 Jan., 2018.
19. Dr. Mandeep Singh attended a workshop on "Intertwining strands in Physics and Mathematics: Fourier analysis" at IISER, Pune from Jan. 19-23, 2018.
20. Dr. V. Mishra delivered invited talk at Second International Conference of Vijnana Parishad of India, Bundelkhand University, Jhansi (March 09-11, 2018).
21. Dr. Mandeep Singh attended SIAM Conference on Applied Linear Algebra from 4-8 May, 2018 at Hong Kong Baptist University, Hong Kong.
22. Mr. Yogesh Kapil attended STTP on "Modelling and simulation using MATLAB" from May 21-25, 2018 organised by department of Electrical & Instrumentation Engg., SLIET.
23. Dr. V. Mishra delivered invited talk at National Conference on Indian Science: History and Historiography, Sikkim University, Gangtok (August 1-3, 2018).
24. Dr. V. Mishra delivered invited talk at National Conference on History and Development of Mathematics, Sri Chandrasekarendra Saraswathi Viswa Mahavidyalaya, Kanchipuram (November 27-29, 2018).
25. Dr. V. Mishra delivered invited talk at National Mathematics Day 2018, Sant Longowal Institute of Engineering & Technology, Longowal (February 7, 2019).
26. Dr. V. K. Kukreja attended MCEP at IIM, Indore from Jan. 28 – Feb 1, 2019.

Books Published

Dr. Vinod Mishra published a book entitled *Theory of Transforms with Applications* published by Ane Books Pvt. Ltd., New Delhi, in 2017 (ISBN No. 978-93-8546-260-3).

Publications in 2015

1	Raj Kumar, Sushma Gupta, Sukhjot Singh and M.Dorff,	On harmonic convolutions involving vertical strip mapping.	Bull. Korean Math. Soc. 52(2015)1:105-123.	0.448
2	Manpreet kaur, Sushma Gupta and Sukhjot Singh	Geometric properties of a class of analytic functions defined by a differential operator.	International Journal of Analysis, Vol. 2015, Article ID 185635, 5 pages.	
3	Vinod Mishra	Linear Indeterminate Analysis: Theory and Applications.	American Research Journal of Mathematics, 1(1)(2015), 16-33.	
4	Vinod Mishra	Progressive series: Development and Applications.	American Research Journal of Mathematics, 1(3)(2015) 34-53.	
5	Vinod Mishra and Dimple Rani	Chebyshev polynomial based numerical inverse Laplace transform solutions of linear Volterra integral and integro-differential equation.	American research journal of Mathematics, 1 (2015) 22-32.	
6	R.C. Mittal, Harpreet Kaur and Vinod Mishra	Haar Wavelet Based Numerical Investigation of Coupled Viscous Burgers Equation.	International Journal of Computer Mathematics 92(2015), 1643-1659.	0.825
7	Vinod Mishra	Progress in the theory of quadratic intermediate analysis.	American research j Mathematics, 1(4)(2015)13-26.	
8	Vinod Mishra and Dimple Rani	Numerical Inverse Laplace transform using Chebyshev polynomial.	WASET, 9(2015), 577-581.	
9	J.R. Sharma and Himani Arora	Efficient Jarratt-like methods for solving systems of nonlinear equations.	Calcolo, 51 (2014), pp. 193-210.	1.2
10	J.R. Sharma and Himani Arora	A novel derivative free algorithm with seventh order convergence for solving systems of nonlinear equations.	Numerical Algorithms, 67, pp. 917-933.	1.369
11	J.R. Sharma and Himani Arora	Efficient derivative-free numerical methods for solving systems of nonlinear equations.	Computational and Applied Mathematics.	
12	J.R. Sharma and Puneet Gupta	An efficient fifth order method for solving systems of nonlinear equations.	Computers and Mathematics with Applications, 67, pp.591-601.	1.398
13	J.R. Sharma and Puneet Gupta	An efficient family of traub-steffensen-type methods for solving systems of nonlinear equations.	Advances in Numerical Analysis,	
14	J.R. Sharma, Himani Arora and M.S. Petkovic	An efficient derivative free family of fourth order methods for solving systems of nonlinear equations.	Applied Mathematics and Computation, 235, pp. 383-393.	1.738
15	S Arora, IP Kaur, H Kumar, VK Kukreja,	A robust technique of cubic hermite collocation for the solution of complex non linear model.	Journal of King Saud University - Engineering Sciences, 29, 159-165.	
16	IA Ganaie, Shelly Arora & VK Kukreja,	Cubic Hermite collocation solution of Kuramoto-Sivashinsky equation.	International Journal of Computer Maths, 96(1), 223-235.	0.971
17	AK Mittal & VK Kukreja	Convergence of orthogonal collocation on finite elements with Hermite basis method for two dimensional nonlinear models.	International Journal of Mathematical Sciences and Applications, 5(1), January-June, 187-192.	
18	B Gupta & VK Kukreja	Efficient numerical solution of diffusion convection problem of chemical engineering.	Chemical & Process Engineering Research, 31, 70-75.	
19	B Gupta, N Parumasur, P Singh & VK Kukreja	Numerical study of a nonlinear diffusion model for washing of packed bed of cylindrical fibre particles.	Arabian Journal of Science & Engineering, 40(5) 1279-1287.	0.865
20	R.K.Mishra & Avtar Chand	Dark Energy Cosmological Model with Brans-Dicke Theory of Gravity.	IJETMAS Vol.3, ISSN: 2349-4476.	
21	Kaur, G., Dhar, J. and Guha, R.K	A hybrid approach to forecast stock market index.	Int. J. of Artificial Intelligence and Soft Computing, Vol. 5, No. 2 (2015) pp. 165-176.	

RMM

JR

In 2016

1	Raj Kumar, M.Dorff, Sushma Gupta and Sukhjot Singh	Convolution properties of some harmonic mappings in the right half plane.	Bull. Malays. Math.Sci.Soc, 39(1), 439-455.	0.72
2	Raj Kumar, Sushma Gupta and Sukhjot Singh	Linear combinations of univalent harmonic mappings convex in the direction of imaginary axis.	Bull. Malays. Math.Sci.Soc, 39(2), 751-763.	0.72
3	Raj Kumar, Sushma Gupta, Sukhjot Singh and M.Dorff	An application of Cohn's rule to convolutions of univalent harmonic mappings.	Rocky Mountain J. Math, 43.	0.399
4	Sarika Verma, Sushma Gupta and Sukhjot Singh	Duality and integral transform of a class of analytic function.	Bull. Malays. Math.Sci.Soc, 39(2), 648-666.	0.72
5	Pal, Rajinder; Singh, Mandeep; Auja, Jaspal Singh	A new class of operator monotone functions via operator means.	Linear Multilinear Algebra 64(2016) no-12, 2463-2473.	1
6	J.R. Sharma	Improved Chebyshev-Halley methods with sixth and eighth order convergence.	Applied Mathematics and Computation, 256, pp. 119-124.	1.345
7	J.R. Sharma and R.K. Guha	Simple yet efficient Newton-like method for systems of nonlinear equations.	International Journal of Calcolo, 53(451-473).	0.816
8	J.R. Sharma, R. Sharma and N. Kalra	A novel family of composite Newton-Traub methods for solving systems of nonlinear equations.	Applied Mathematics and Computation, 269, pp. 520-535.	1.345
9	R.K.Mishra & Avtar Chand	FRW cosmological models in Brans-Dicke theory of gravity with variable q and dynamical Λ -term.	Astrophysics & Space Science (2016) 361:81.	1.678
10	R.K.Mishra & Avtar Chand	Cosmological models in alternative theory of gravity with bilinear deceleration parameter.	Astrophysics Space Sci (2016) 361:259.	1.678
11	Mishra, R.K., Chand, A. & Pradhan	Dark Energy Models in $F(R,T)$ theory with Variable Deceleration Parameter.	International Journal of Theoretical Physics (2016) 55(2), 1241-1256.	1.086
12	G. Kaur, J. Dhar and R. K. Guha	Minimal variability OWA operator combining ANFIS and fuzzy c-means for forecasting BSE index.	Mathematics and Computers in Simulation, 122(2015), 69-80.	1.225

R.K. Mishra *J.D.*

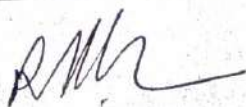
In 2017

1	Sarika Verma, Sushma Gupta and Sukhjot Singh	Geometric properties of an integral operator.	Bull. Malays. Math.Sci.Soc, 40(1), 345-360.	0.72
2	Aggarwal, Anchal; Kapil Yogesh; Singh Mandeep	Contractive Maps on operator ideals and norm inequalities-II.	Linear Algebra Appl. 513(2017) 182-200.	0.0973
3	Dimple Rani and Vinod Mishra	Approximate solution of Boundary Value Problem with Bernstein Polynomial Laplace Decomposition Method.	International Journal of Pure & applied Mathematics, 114(2017) 823-833.	0.29 (SJR)
4	M. S. Petkovic and J.R. Sharma	On some efficient derivative-free iterative methods with memory for solving systems of nonlinear equations	International Journal of Numerical Algorithms, 71(454-470)	1.366
5	J.R. Sharma and Himani Arora	A new family of optimal eighth order methods with dynamics for nonlinear equations	International Journal of Applied Mathematics and Computation, 284(149-161)	1.345
6	J.R. Sharma	A note on the convergence order of some recent methods for solving nonlinear equations	International Journal of Applied Mathematics and Computation, 273(793-796)	1.345
7	J.R. Sharma and Himani Arora	A simple yet efficient derivative free family of seventh order methods for systems of nonlinear equations	International Journal of SEMA, 73(59-75)	-
8	J.R. Sharma and Himani Arora	A simple yet efficient derivative free family of seventh order methods for systems of nonlinear equations	International Journal of SEMA, DOI 10.1007/s40324-016-0085-X	-
9	J.R. Sharma, R. Sharma and A. Bahl	An improved Newton-Traub composition for solving systems of nonlinear equations	International Journal of Applied Mathematics and Computation, 290(98-110)	1.345
10	I.K.Argyros, J.R.Sharma and D. Kumar	Ball convergence of the Newton-Gauss method in Banach space	International Journal of SEMA, doi: 10.1007/s40324-016-0091-z	-
11	J. R. Sharma, I. K. Argyros and D. Kumar	On a general class of optimal order multipoint methods for solving non-linear equations	Journal of Mathematical Analysis and Applications, 449, pp.994-1014.	-
12	J. R. Sharma and Himani Arora	Efficient higher order derivative free multipoint methods with and without memory for systems of nonlinear equations	International Journal of Computer Mathematics, http://dx.doi.org/10.1080/00207160.2017.1298747 .	-
13	J. R. Sharma, I. K. Argyros	Local convergence of a Newton-Traub composition in Banach spaces	SeMA, doi 10.1007/s40324-017-0113-5.	-
14	R.K.Mishra & Avtar Chand	Bianchi-III Cosmological model in Saez-Ballester theory of gravity with BVDP.	Journal of International Academy of Physical Sciences (2017), 20 (257-271)-ISSN: 0974-9373.	-
15	R.K.Mishra & Heena Dua	Cosmological models with bilinear deceleration parameters.	Journal of International Academy of Physical Sciences (2017), 20 (257-271)-ISSN: 0974-9373.	-

R.M. *JD*

YEAR 2018

Sr. No.	Author(s)	Title of research paper	Journal name, volume, year, page	Impact factor
1	Dimple Rani and Vinod Mishra	Modified Laplace Adomian Decomposition Method for Solving Nonlinear Volterra Integral and Integro-differential Equations based on Newton Raphson Formula.	European J. Pure Appl. Math., 11, 2018, 202-218.	
2	J.R. Sharma	Local convergence of Newton-HSS methods with positive definite Jacobian matrices under generalized conditions,	SEMA (Springer Publishers), 75, 95-109 (2018).	
3	J.R. Sharma	Design and analysis of a new class of derivative-free optimal order methods for nonlinear equations,	International Journal of Computational Methods, 15, (2018), DOI: 10.1142/S021987621850010X	0.815
4	J.R. Sharma	Study of optimal eighth order weighted-Newton methods in Banach spaces,	Commun. Korean Math. Soc. 33, No. 2, 677-693 (2018)	
5	J.R. Sharma	Newton-like methods with increasing order of convergence and their convergence analysis in Banach space,	SEMA (Springer Publisher) , 75, 545-561 (2018)	
6	J.R. Sharma	On the local convergence of weighted-Newton methods under weak conditions in Banach spaces,	Annales Uni. Sci. Budhapest, 47 (2018), pp. 127-139	
7	J.R. Sharma	Extending the applicability of modified Newton-HSS method for solving systems of nonlinear equations,	Studia Mathematica, 63, 257-267 (2018)	
8	J.R. Sharma	A fast and efficient composite Newton-Chebyshev method for systems of nonlinear equations,	Journal of Complexity, 49, 56-73 (2018) doi.org/10.1016/j.jco.2018.07.005	1.174
9	J.R. Sharma	Design and analysis of a class of weighted-Newton methods with frozen derivative,	TWMS Journal of Pure and Applied Mathematics, 9, 207-222 (2018)	
10	J.R. Sharma	Study of local convergence of Newton-like methods for solving nonlinear equations,	Advances and Applications in Mathematical Sciences (Mili Publishers) , 18, 127-140 (2018)	
11	J.R. Sharma	Semilocal convergence of fourth order iterative method in Banach spaces by using recurrence relations,	Appl. Math. Inf. Sci. Lett. 7, No. 1, 1-6 (2019)	
12	J.R. Sharma	On a class of efficient higher order Newton-like methods,	Mathematical Modelling and Analysis, 24,105-126 (2019)	0.715
13	J.R. Sharma	Convergence ball and complex geometry of an iteration function of higher order,	Mathematics, 7, 28 (2019)	
14	J.R. Sharma	An efficient class of Traub-Steffensen-like seventh order multiple-root solvers with applications,	Symmetry, 2019, 11, 518; doi:10.3390/sym11040518	1.256
15	J.R. Sharma	An Efficient Class of Traub-Steffensen-Type Methods for Computing Multiple Zeros	Axioms, 2019, 8, 65; doi:10.3390/axioms8020065	



Placement of Pass-out Ph.D. students

Name of the research scholar	Name of the supervisor(s)	Year of completion	Working as
Dr. Sukhwinder Singh	Prof. S.S. Dhaliwal and Prof. S. Gupta	2011	Associate Prof., Sri Guru Granth Sahib World University, Fatehgarh Sahib.
Dr. Sanjeev Kumar	Prof. S.S. Dhaliwal And Prof. Vinay Kanwar	2012	Assistant Prof., Thapar University, Patiala.
Dr. Rajni Sharma	Prof. J. R. Sharma and Prof. R. K. Guha	2012	Assistant Prof. in D.A.V. Institute of Engg. & Tech., Jalandhar City.
Dr. Sabina	Prof. Vinod Mishra	2012	Teaching in Model School, Punjabi University, Patiala.
Dr. Rupinderjit Kaur	Prof. Mandeep Singh	2014	Assistant Prof., Guru Nanak Engg. College, Ludhiana
Dr. Puneet Gupta	Prof. J. R. Sharma and Prof. R. K. Guha	2014	Associate Prof., Govt. Ranbir College, Sangrur.
Dr. Chanchal	Prof. R. K. Mishra	2015	Assistant Prof., Department of Distance Education, Punjabi University, Patiala.
Dr. A. K. Pandey	Prof. R. K. Mishra	2015	Assistant Prof., Sagar Institute of Engineering and Technology, Barabanki, Lucknow.
Dr. Sarika Verma	Prof. S.S. Dhaliwal and Prof. S. Gupta	2015	Assistant Prof., D. A. V. University, Jalandhar City.
Dr. Dinesh Kumar	Prof. S.S. Dhaliwal and Prof. J.N.Sharma	2015	Assistant Prof., Maharaja Aggarson University, Pinjore.
Dr. Harpreet Kaur	Prof. Vinod Mishra and Prof. R. C. Mittal	2015	Assistant Prof., Punjab Technical University, Jalandhar City.
Dr. Raj Kumar	Prof. S.S. Dhaliwal and Prof. S. Gupta	2015	Assistant Prof., D. A. V. University, Jalandhar City.
Dr. Ajay Mittal	Prof. V. K. Kukreja	2016	Director, Aryabhata Group of Institutes, Cheema Jodhpur, Barnala.
Dr. Ishfaq Ahmed Ganaie	Prof. V. K. Kukreja	2016	Assistant Prof., University of Kashmir, Srinagar.

R.M. LD

16	J.R. Sharma	On a Bi-Parametric Family of Fourth Order Composite Newton-Jarratt Methods for Nonlinear Systems,	Mathematics, 2019, 7, 492; doi:10.3390/math7060492	
17	J.R. Sharma	Efficient methods of optimal eighth and sixteenth order convergence for solving nonlinear equations,	SEMA Journal (Springer Publisher) 75, pp. 229-253 (2018)	
18	J.R. Sharma	On complex dynamics of some eighth order techniques for nonlinear equations,	Advances and Applications in Mathematical Sciences (Milli Publishers) , 18, 153-167 (2018)	
19	J.R. Sharma	Convergence analysis of weighted-Newton methods of optimal eighth order in Banach spaces,	Mathematics, 2019, 7, 198; doi:10.3390/math7020198	
20	J.R. Sharma	Ball Convergence of an Efficient Eighth Order Iterative Method Under Weak Conditions,	Mathematics, 2018, 6, 260; doi:10.3390/math6110260	
21	J.R. Sharma	A faster King-Werner-type iteration and its convergence analysis,	APPLICABLE ANALYSIS, doi.org/10.1080/00036811.2019.1569228	0.963
22	J.R. Sharma	Efficient Ostrowski-like methods of optimal eighth and sixteenth order convergence and their dynamics	Afrika Matematika, doi.org/10.1007/s13370-019-00691-2	
23	J.R. Sharma	Generalized Kung-Traub method and its multi-step iteration in Banach spaces,	Journal of Complexity, doi.org/10.1016/j.jco.2019.02.003	1.174
24	R.K.Mishra	Bianchi-III cosmological models with BVDP in modified f(R,T) theory.	Astrophysics and Space Science, 363(112), 2018.	1.678
25	Y Kapil, R Pal, A Aggarwal, M Singh	Conditionally Negative Definite Functions	Mediterranean Journal of Mathematics, 15 (5), 2018.	
26	Dimple Rani and Vinod Mishra	Numerical Inversion of Laplace transform based on Bernstein operational matrix	Numerical Methods in Appl Sci., 2018, 1- 13.	

RKM

Dr. Bharti Gupta	Prof. V. K. Kukreja	2017	Assistant Prof., Doaba College, Jalandhar City.
Dr. Himani Arora	Prof. J. R. Sharma	2017	Assistant Prof., D. A. V. University, Jalandhar City.
Dr. Gurbinder Kaur	Prof. R. K. Guha	2017	Business Analyst, Unisys, Halifax, Canada.

R.K.G. *DR*

Placement of PG students

Anjali	M. Sc./2016	teaching	Pvt college
Mandeep	M. Sc./2016	teaching	Pvt college
Ankita	M. Sc./2015	teaching	school
Vivek Srivastava	M. Sc./2015	teaching	school
Ankur Guglani	M. Sc./2015	teaching	school

List of students going for higher studies

Rohit Malik	M.Sc./2015	M. Tech.	IIT, Chennai
Sohan Lal	M. Sc./2016	M. Tech.	IIT, Chennai
Meenu	M. Sc./2015	Ph.D.	Bennet Uni.
Sumit	M. Sc./2015	M. Tech.	IIT, Kharagpur
Anu	M. Sc./2015	M. Tech.	IIT, Kharagpur
Babita	M. Sc./2016	teaching	SLIET

R.M. *LD*