

Report of Mathematics Department (2016-17)



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Department Name: Department of Mathematics

Session: 2016 - 17

Names of Programmes/Courses/ offered:

- UG : BSc (Non-medical), BSc (Vocational), BA, BCA III
- PG : MSc Mathematics

Faculty Publications /Awards/Achievements/Activities:

1. Details of Publications by the Faculty in the session:

Name	Title of Paper	Title of the Journal	Month/ Year	ISSN
Dr. Neela Pawar	Dilatational waves at a Microstretch Solid/ Fluid interface	Journal of Vibration and Control	2016	1077-5463
Dr. Swati Sidana	Units in finite loop algebras of RA2RA2 loops	Asian-European Journal of Mathematics	2016	1793-5571
Dr. Swati Sidana	On units in loop algebra $F[M(\text{Dih}(C_2p), 2)]$	Beiträge zur Algebra und Geometrie / Contributions to Algebra and Geometry	2017	0138-4821
Dr. Swati Sidana	On the finite Loop Algebra of the smallest Moufang loop $M(S_3, 2)$	Armenian Journal of Mathematics	2016	1829-1163
Dr. Swati Sidana	Finite loop algebras of RA2 loops	ACTA SCIENTIARUM MATHEMATICARUM	2016	0001-6969
Dr. Leetika	On Conjectures of Minkowski and Woods for $n = 9$	Proceedings Mathematical Sciences	2016	0253-4142
Dr. Leetika	Refined Estimates On Conjectures Of Woods And Minkowski	Journal of the Indian Math. Soc.	2016	0019-5839
Dr. Nisha Sharma	Finite element galerkin approximations to a class of nonlinear and nonlocal parabolic problems,	Num. Methods Partial Differential Equations	2016	1098-2426

2. Details of Presentations by the Faculty in the session:

Name	Title of Paper	Title of the Conference/ Seminar	Month/ Year	National/ International
Dr. Nisha Sharma	An expanded mixed Finite element method for a nonlinear parabolic problem	Recent Advances in PDEs: Theory, Computations and Applications	8-10 th June, 2017	International

3. Details of Orientation Programmes/Refresher Courses/FDPs (Not less than 7 days at a stretch) etc. attended by the Faculty in the session 2016-17

Name	Orientation/ Refresher/ FDP	Title of the Programme	Organizing Agency	Duration	From-To
DrSwati Sidana	Orientation Course	114 th Orientation Course	IC HRDC, Chd.	4weeks	2-5-2017 to 29-5-2017

4. Departmental Activity:

Seminars/Conferences organized by the department in the session: Kindly include the sponsoring/funding agency:

Activity/ Seminar/ Conference	Date	Title of the Event	Name of the Funding Agency	Name/Designation/ Organization of Resource Person/s	No. of Students benefitted
Intercollege Mathematics Fest 'Mathsmania 2017'	29th March, 2017	Mathsmania 2017'	NCSTC, DST, GOI & PSCST	Prof. Savita Bhatnagar, Chairperson, Department of Mathematics, Panjab University	150
Lecture	Jan 2017	lecture on 'Life of Pi: Its History, Mystery and Transcendence	College itself	Dr. Surinder Pal Singh Assistant Professor, Department of Mathematics, Panjab University	90