

REGISTRATION FORM

One Week National Level Workshop On "Differential Geometry and its applications in Engineering Fields"

21st Jan to 25th Jan- 2019

Name: _____

Designation: _____

Department: _____

Address: _____

Email-ID: _____

Mobile No.: _____

Details of Online Transaction/DD: _____

Name of the Bank: _____

UTR/IMPS Reference No. with Date : _____

Date :

Place :

Signature of the applicant

Mr./Ms./Dr. _____ is

an employee of our Institute and is hereby permitted for the
above Faculty Development Training Program

Date :

Place :

Head of the Institution

CHIEF PATRONS

Sri A. S. Shivanatha, President, NES
Sri T.R. Ashwathnarayana Setty, Vice President, NES
Sri S.N. Nagaraja, Secretary, NES
Sri Amarendra Kireeti, Joint Secretary, NES
Sri C.R. Nagaraj, Treasurer, NES

PATRONS

Dr. H.R. Mahadevaswamy, Principal, JNNCE
Dr. L.K. Sreepathi, Vice Principal, JNNCE

ORGANIZING CHAIR

Sri. Shridhar Adiga, HOD, Dept. of Mathematics, JNNCE

COORDINATORS

Dr. Gurupadavva Ingalahalli
Asst. Prof., Dept. of Mathematics, JNNCE

Dr. Krishnamurthy M.R.
Asst. Prof., Dept. of Mathematics, JNNCE

ORGANIZING COMMITTEE

Dr. Nirmala T., Assoc. Prof., Dept. of Mathematics, JNNCE.

Miss. Shaila S.Bhat, Asst. Prof., Dept. of Mathematics, JNNCE

Sri. Anil S.C., Asst. Prof., Dept. of Mathematics, JNNCE

Smt. Bhagyalakshmi K.,
Asst. Prof., Dept. of Mathematics, JNNCE

Sri. Pandith Giri Mohan Das P.K., Asst. Prof.,
Dept. of Mathematics, JNNCE

ADVISORY COMMITTEE

- * Prof. Balan Vladimir, Romania.
- * Prof. I.S.Shivakumar, Bangalore University, Bangalore
- * Prof. Alok Nath Chakrabarti, TIFR, Bangalore
- * Prof. M.S. Mahadeva Naik, Bangalore University, Bangalore
- * Prof. M.Hasan Shahid, Jamia Millia Islamia, Delhi
- * Prof. S. Sundar, Indian Institute of Technology Madras.
- * Prof. A.A. Shaikh, University of Burdwan, Burdwan.
- * Prof. M.M. Tripathi, BHU, Varanasi.
- * Prof. U.C. De, Kolkata.



National Education Society @
Jawahar Lal Nehru National College of Engineering,
Shivamogga - 577 204

(Affiliated to VTU Belagavi, Recognized by Govt. of Karnataka,
Accredited by NAAC and Approved by AICTE, New Delhi)



In Association with ISTE, New Delhi

One Week National Level Workshop On "Differential Geometry and its applications in Engineering Fields"

21st Jan to 25th Jan- 2019

Organized by:
**Department of Mathematics
JNNCE Shivamogga**

For Communication :

Sri. Anil S.C. : 9944425239
Dr. Gurupadavva Ingalahalli : 7239618792
Dr. Krishnamurthy M.R. : 8961946294
E-mail: hod_math@jnnce.ac.in

ABOUT THE COLLEGE

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological University (VTU), Belgaum and recognized by AICTE, New Delhi. It offers 7 UG and 7 M.Tech program besides MBA and MCA. It has 7 Research Centers recognized by VTU. Spread over 52 acres, the campus has all the amenities to cater to the needs of about 3500 students and 400 faculty and staff. All the departments have good infrastructural facilities with highly qualified and experienced faculty, staff and well equipped laboratories. The college is regarded as one of the excellent centers for technical education and research. JNNCE is ranked 42nd among top Engineering colleges in India and 7th in Karnataka as per Outlook survey 2018. The Institution is NAAC accredited. The college is providing its fruitful services in the 38th year. The college organizes international and national workshops, conferences, seminars and short term courses on a regular basis. The institution has IEEE as well as ISTE members.

ABOUT THE DEPARTMENT

The Department of Mathematics forms the supporting group to various disciplines. The staff members of the department are committed to innovation in teaching, excellence in basic and applied research and enhancement of the quality of student's life. The department has a research centre recognized by VTU, Karnataka.



The faculty members have published more than 70 research papers in reputed National/International Journals. At present the number of research scholars registered for Ph.D. Programme is 2. The Thrust areas in research are Differential Geometry and Fluid Mechanics. The department has applied for different projects in VGST and SERB.

ABOUT THE WORKSHOP

This workshop is being organized for one week to provide a platform for faculty members, researchers and technologists to understand the concepts of Differential Geometry and its applications in the field of Engineering and its research challenges to solve complex engineering problems. With this in view the course would devote time talks on the topics cited below along with 'Hands-on Sessions'.

TOPICS

- * Differential Geometry/ Manifolds
- * Geometry of Curves and Shapes
- * Applications of geometry
- * Fluid Mechanics/Dynamics
- * Linear Algebra
- * Analysis

RESOURCE PERSONS

- * **Prof. C.S. Bagewadi**, Emeritus Fellow (UGC), Kuvempu University, Shimoga.
- * **Prof. Javier Firat**, University of Valladolid, Spain.
- * **Dr. H.R. Mahadevaswamy**, JNNCE, Shivamogga
- * **Prof. Zafar Ahsan**, Aligarh Muslim University, Aligarh
- * **Dr.T. Venkatesh**, Rani Channamma University, Belagavi.
- * **Prof. S.K. Srivastava**, DDU, Gorakhpur.
- * **Prof. G.D. Veerappa Gowda**, TIFR-CAM, Bengaluru.
- * **Prof. H.G. Nagaraj**, Bangalore University, Bangalore.
- * **Prof. V.S. Prasad**, RIE, Mysore.
- * **Dr. Harish Seshadri**, IISC, Bangalore.
- * **Dr. C.S. Aravinda**, TIFR, Bangalore
- * **Dr. Gururaja H.A.**, IISER Tirupati.

- * **Prof. S.K. Narasimhamurthy**, Kuvempu University, Shivamogga
- * **Dr. B.J. Gireesha**, Kuvempu University, Shivamogga
- * **Prof. L.N. Katkar**, Kholapur
- * **Dr. Venkatesha**, Kuvempu University, Shivamogga
- * **Dr. B.C. Prasanna Kumara**, Govt. First Grade College, Koppa Chickmagalur

IMPORTANT DATES

Submission of application forms by : 15-01-2019.
Workshop Dates : 21-01-2019 to 25-01-2019

VENUE

Seminar hall (Ad-Block), Computer Lab
Timings : 9.00 am to 5.30 pm

RESOURCE PERSONS

Resource persons from distinguished Research Institutes and colleges will deliver expert lectures and demo sessions.

REGISTRATION DETAILS

Faculty	: Rs. 1000
Research Scholars	: Rs. 500
PG/UG Students	: Rs. 200
Payment /Account Details (on line registration)	
Bank	: CANARA BANK
Branch	: JNNCE Campus, Shivamogga
SB A/c.No.	: 6322201000028
IFSC code	: CNRB0006322

WHO CAN ATTEND

The interested academicians from Mathematics, Physics, Chemistry, Electronics, Telecommunication, Computer science, Information science, industry personnel, researchers and allied disciplines are invited to attend the one week workshop.

Note: Registration fee does not include accommodation. However accommodation may be provided to the participant with a nominal fee in the college hostel. No TA/DA will be provided for the participants.



National Education Society ®
JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, Shivamogga-577204

DEPARTMENT OF MATHEMATICS, JNNCE, SHIMOGA

Schedule for One week National Level Workshop On “Differential Geometry and its Applications in Engineering Fields”

From 21-01-2019 to 25 -01-2019

VENUE: AD Block SEMINAR HALL

DATE	I SESSION: 9-30 ^{am} to 11-00 ^{am}		II SESSION: 11-15 ^{am} to 12-45 ^{pm}		III SESSION: 2-00 ^{pm} to 3-30 ^{pm}		IV SESSION: 3-45 ^{pm} to 5-15 ^{pm}
21-01-2019 Monday	Registration, Inauguration and Key Note Address Prof. C.S.Bagewadi	T E A B R E A K L U N C H	Differential Geometry-1 Prof.H.G.Nagaraj Topics Covered: Curves and surfaces	L U N C H	Differential Geometry-2 Prof. C.S.Bagewadi Topics Covered: Basic Concepts of Differential Geometry	T E A B R E A K	Differential Geometry-3 Prof.H.G.Nagaraj Topics Covered: Curves and surfaces
22-01-2019 Tuesday	Differential Geometry-4 Dr. B.J. Gireesha Topics Covered: Applications of Mathematics		Differential Geometry-5 Dr. B.J. Gireesha Topics Covered: Finite Element methods		Differential Geometry -8 Prof. V.S.Prasad Topics Covered: Linear Algebra		Differential Geometry -9 Dr.B.C.Prasanna Kumar Topics Covered: Mathematical Models and Dimensional Analysis for Fluid Mechanics
23-01-2019 Wednesday	Differential Geometry-6 Prof. G.D.Veerappa Gowda Topics Covered: Applications of Hamilton-Jacobi equations in Shape from Shading.		Differential Geometry-7 Prof.T.Venkatesh Topics Covered: n dimensional real manifold with Riemannian metric [Circulant matrices and their role in geometry]		Differential Geometry -12 Dr.Manjunatha P. Topics Covered: MATLAB		Differential Geometry - 13 Dr.Javier Finat, University of Valladolid, Spain • Discrete models for the Mechanics of Continuous Media • A hierarchical approach to Robotics Geometric & Topological Methods in Computer Vision
24-01-2019 Thursday	Differential Geometry-10 Prof. V.S.Prasad Topics Covered: Introduction to the Differential Geometry		Differential Geometry-11 Prof.T.Venkatesh Topics Covered: [Applications under differential geometric setting]		Differential Geometry-16 Dr . Saikat Chatterjee Topics Covered: Applications		VALIDICTORY
25-01-2019 Friday	Differential Geometry-14 Dr . Saikat Chatterjee Topics Covered: Definition of tensors, Riemman curvature and Weyl conformal tensors		Differential Geometry-15 Dr. H R Mahadevaswamy Topics Covered: 3D printing and Differential Geometry				



National Education Society @
JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING,
 Shivamogga-577204

One Week National Level Workshop on
"Differential Geometry and its applications in Engineering Fields"
 21st Jan to 25th Jan - 2019

Attendance List:

Date: 21/01/2019

Sl no	Name of the Candidate	Signature of the Candidates			
		1 st Session	2 nd Session	3 rd Session	4 th Session
1	Somashekhar Faculty, Kadur P.G. Centre, KU				
2	Arasaih, Faculty, Govt. First Grade Degree College, Honalli				
3	Prashanth G.S. Faculty, JNNCE				
4	Srikanth N., Dept. of Mathematics, GMIT, Davangere				
5	Pushpalatha T. Faculty, D.S.Dinakar National Polytechnic College, Shimoga				
6	Divyashree P. Faculty, D.S.Dinakar National Polytechnic College, Shimoga				
7	Ravichandra Nayakar SN, Faculty, Dept. of Mathematics University BDT College of Engineering, Davangere.				
8	Palakshappa Faculty, Govt. First grade college Chitragurga				
9	Dr. Praveena M.M., Faculty, Sri Venkateshwara college of engineering, Bangalore.				
10	Dr. Divyashree G, Research Scholar KU				
11	Dr. Chandru K. Faculty, Dept. of Maths, PESITM, Shimoga.				
12	Dattatreya, Dept. of Civil, JNNCE shimoga				
13	Dr. Pradeep Kumar K.T. Assoc. Professor ACSCE, Bangalore				
14	Raghavendra K. Asst. Professor, ACSCE, Bangalore.				
15	Dr. P.T. Manjunatha, Govt. First grade college Chitragurga.				
16	Vidyavathi Vosalli, Research Scholar Raja Rajeshwari college of Engineering, Bangalore				
17	Netravathi Sadar, Faculty, KLE's J.T college, Gadag				
18	Ramesh Kumar T.H. Assistant professor Mangalore Institute of Technology and Engineering				
19	Dr. Chethana, Faculty, Sahyadri Science College				
20	Dr. Niranjana VBDI, Davangere				
21	Dr. Mahesh VBDI, Davangere				
22	Suseltha E.R. w/Sc. Govt. polytechnic, Haliyal				
23	Manjunatha H.M. Kuvempu University				
24	Vanithalakshmi S.M. Kuvempu University				
25	Soumya D.O, PG Centre Chichamangalur				
26	Somashekhar P. GFC Kadur				
27	MAHESHA H.C. Asst professor GFC: Thirthahalli				
28	Dr. Srikantha N. Asst. Prof, GMIT, Davangere				
29	Arjun Kumar, K.H, DBIT, Bangalore				
30	Roopa B.M, K.F.G.C, Shikaripura.				
31	Nanditha S. Malad, NTC, B'lore				
32	Mangala M.G.,				
33	Soumya. R.T.				
34	Supreetha M.R.				
35	Dr. Roopa G.S, MCE, Hassan				
36	Dr. Anitha B.S, RRC, Bangalore - 74				
37	Suvarna S. Malghar GFC Shikaripura				
38	Dr. Anitha. V, Sir M.V.G.S.C, ³ Bowmanacatte, Bhadravatu				
39	Roopa B.S. JNNCE - Shimoga - 88				



**National Education Society @
JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING,
Shivamogga-577204**

One Week National Level Workshop on
“Differential Geometry and its applications in Engineering Fields”
 21st Jan to 25th Jan - 2019

Attendance List:

Date: 22/01/2019

Sl no	Name of the Candidate	Signature of the Candidates			
		1 st Session	2 nd Session	3 rd Session	4 th Session
1	Somashekhar Faculty, Katur P.G. Centre, KU	Somy	Somy		
2	Arasaih, Faculty, Govt. First Grade Degree College, Honalli	Arasaih	Arasaih		
3	Prashanth G.S. Faculty, JNNCE				
4	Srikanth N., Dept. of Mathematics, GMIT, Davangere	Srikanth	Srikanth	Srikanth	
5	Pushpalatha T. Faculty, D.S.Dinakar National Polytechnic College, Shimoga	Pushpalatha	Pushpalatha		
6	Divyashree P. Faculty, D.S.Dinakar National Polytechnic College, Shimoga	Divyashree	Divyashree		
7	Ravichandra Nayakar SN, Faculty, Dept. of Mathematics University BDT College of Engineering, Davangere.				
8	Palakshappa Faculty, Govt. First grade college Chitragurga	Palakshappa	Palakshappa	Palakshappa	Palakshappa
9	Dr. Praveena M.M., Faculty, Sri Venkateshwara college of engineering, Bangalore.	Praveena	Praveena	Praveena	Praveena
10	Dr. Divyashree G, Research Scholar KU	Divyashree	Divyashree		
11	Dr. Chandru K. Faculty, Dept. of Maths, PESITM, Shimoga.	Chandru	Chandru		
12	Dattatreya, Dept. of Civil, JNNCE shimoga	Dattatreya	Dattatreya		
13	Dr. Pradeep Kumar K.T. Assoc. Professor ACSCE, Bangalore	Pradeep	Pradeep		
14	Raghavendra K. Asst. Professor, ACSCE, Bangalore.	Raghavendra	Raghavendra		
15	Dr. P.T. Manjunatha, Govt. First grade college Chitragurga.	Manjunatha	Manjunatha		
16	Vidyavathi Mosalli, Research Scholar Raja Rajeshwari college of Engineering, Bangalore	Vidyavathi	Vidyavathi		
17	Netravathi Sadar, Faculty, KLE's J.T college, Gadag	Netravathi	Netravathi		
18	Ramesh Kumar T.H. Assistant professor Mangalore Institute of Technology and Engineering	Ramesh	Ramesh		
19	Dr. Chethana, Faculty, Sahyadri Science College	Chethana	Chethana	Chethana	
20	Dr. Niranjan VBPT, Davangere				
21	Dr. Mahesh VBPT, Davangere				
22	Ramesh G. SOMIT, usire	Ramesh	Ramesh		
23	Dr. Raju S.P	Raju	Raju		
24	Dr. Roopa G.S	Roopa	Roopa		
25					
26	Brama.K.N.	Brama	Brama		
27	Arun Kumar K.H, DBIT, Bangalore	Arun	Arun		
28	Dr. C. S. Hemamalini	Hemamalini	Hemamalini		
29	SABARESHWARAN.S. civil, jnnce, emg	Sabareshwaran	Sabareshwaran		
30	Roopa B.S - ECE JNNCE	Roopa	Roopa		
31	Dr. N.B. GASTI	N.B. GASTI	N.B. GASTI		
32	Nalendra V.H. Asst. Prof GFC, Haldwari	Nalendra	Nalendra		
33	Sandeepa S. R. *PHR leader	Sandeepa	Sandeepa	Sandeepa	Sandeepa
34	Mahesh H.C. GFGC. Thirthahalli	Mahesh	Mahesh	Mahesh	Mahesh
35	Umeshbala M. PESITM Shimoga	Umeshbala	Umeshbala	Umeshbala	Umeshbala
36	Dr. Anitha B. S. RRCA, Bangalore - 78	Anitha	Anitha	Anitha	Anitha
37	Manjula K.G. JNNCE,	Manjula	Manjula		
38	Soumya K.T. EEE, JNNCE	Soumya	Soumya		
39	Supriya M.R, EEE, JNNCE	Supriya	Supriya	Supriya	Supriya



National Education Society ®
JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, Shivamogga-577204

One Week National Level Workshop on
“Differential Geometry and its Applications in Engineering Fields”
 21st Jan to 25th Jan- 2019

Registration Details:

Sl. No.	Name of the Candidate	Mobile No.	E-mail ID	Date: 23/01/2019 & Session				Date: 24/01/2019 & Session				Date: 25/01/2019 & Session			
				Signature of the candidate				Signature of the candidate				Signature of the candidate			
				1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th
1	Mohammad Salman Research Scholar Dept of Mathematics, Aligarh Muslim Univ.	9651311625	salman1991 14@gmail.com	M.Salman	M.Salman	M.Salman	M.Salman	M.Salman	M.Salman	M.Salman	M.Salman	M.Salman	M.Salman		
2	Somashekhar P Faculty, Kadur P.G. Centre Kuvempu University.	9036075205		SP	SP	SP	SP	SP	SP	SP	SP	SP	SP		
3	Arasaih Faculty, Govt. First Grade Degree College, Honalli	9945533310		Arasaih	Arasaih	Arasaih	Arasaih	Arasaih	Arasaih	Arasaih	Arasaih	Arasaih	Arasaih		
4	Prashanth G.S. Faculty, JNNCE E+L Dept	9008341321	gsp341 @gmail.com	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth	Prashanth		
5	Shanthi Kiran Dept. of Mechanical Engineering, JNNCE	8904883880													
6	Dr. Rajprakash Faculty, Dept. of Physics JNNCE	9448157195													
7	Dr.Chethana B. C. Faculty, Sahyadri Science College	9164156856		BC	BC	BC	BC			BC	BC				
8	Anithe Sir M.V.college, Bhadravathi														
9	Dr. Roopa G.S. Malnad College of Engineering, Hassan	9916031028	roopa.maths @gmail.com	R	R	R	R								
10	Srikanth N Dept. of Mathematics, GMIT, Davangere.	9663776370	Srikantha08 7@gmail.com	L	L	L	L	L	L	L	L	L	L		

11	Dr.Mahesh Dept. of Mathematics, UBDT, Davangere.	99805 51510		Met	Met	Met	Met	Met	Met	Met	Met								
12	Dr.Niranjn Dept. of Mathematics, UBDT, Davangere.			Met	Met	Met	Met	Met	Met	Met	Met								
13	Ravichandra Nayakar SN Faculty, Dept. of Mathematics University BDT College of Engineering, Davangere.	9448427751	mathsrao gmail.com	L	L	L	L	L	L	L	L								
14	Pushpalatha T. Faculty, D.S.Dinakar National Polytechnic College, Shimoga	9986614701	dhararesh Pushpalatha @gmail.com	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
15	Divyashree P. Faculty, D.S.Dinakar National Polytechnic College, Shimoga	8861946221	pdivyasanth osh@gmail.c om	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
16	Phalakshamurthy B Faculty, Govt. First grade Science college Chitragurga	9980019985	pmurthymat hs@gmail.co m	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
17	Dr. Praveena M.M Faculty, Sri Venkateshvara college of engineering, Bangalore.	9740843626		PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
18	Dr. Divyashree G Research Scholar Kuvempu university, Shankaraghatta	8050550542	Gdivyashree 9@gmail.co m	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
19	Dr. Chandru K. Faculty, Dept. of Maths, PESITM, Shimoga.	9632509261	chandruk@ pestrust.ed.u.in	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
20	Dattatreya Dept. of Civil JNCE shimoga	9449260184	dattatreya @gmail.com	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
21	Dr.Pradeep Kumar K.T. Assoc. Professor ACSCE, Banglore	9480648622	kitpradeepku mar@gmail. com	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
22	Raghavendra K. Asst. Professor, ACSCE, Banglore.	9538588710	Raghums14 3@gmail.co m	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
23	Arun Kumar K.H. Asst. Professor, D.B.I.T, Banglore.	9743340660	arunkumark h@gmail.co m	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH
24	Nanditha S. Matad Research Scholar.	9449882255	smnanditha @gmail.com	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH

25	Roopa B,S Research Scholar Dept. of Electronics JNNCE.	9480447444	roopsbs@jnnce.ac.in	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst	Bst
26	Prema K N Dept. of ECE JNNCE.	8277324422	premakn@jnnce.ac.in	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd	Ppd
27	Dr.P.T.Manjunatha Govt. First grade college Chitragurga.	8660597969	jeethumanju@gmail.com	rs	rs	rs	rs	rs	rs	rs	rs	rs	rs	rs	rs	rs
28	Vidyavathi Vosalli Research Scholar Raja Rajeshwari college of Engineering, Bangalore	7411432342	vvhosalli@gmail.com	vof	vof	vof	vof									
29	Netravathi Sadar Faculty KLE's J.T college, Gadag	7411432342	Netravathi2014@gmail.com	nvp	nvp	nvp	nvp									
30	Ramesh Kumar T.H Assistant professor Mangalore Institute of Technology and Engineering	9739461058	thramesh1982@gmail.com	rk	rk	rk	rk									
31	Dr.Latha Kumari G.N. Faculty, Govt. First grade college, Tarikere			Lkn	Lkn	Lkn	Lkn									
32	Dr.Vishalakshi Faculty, Govt. First grade college, Davangere.			V	V	V	V									
33	Ramesh G Research Scholar, SDMIT, Ujire	7353109216	ramesh.gbalagar@gmail.com	rg	rg	rg	rg	rg	rg	rg	rg	rg	rg	rg	rg	rg
34	Manjunatha H.M Research Scholar Kuvempu University	7829792438	manjunathahnm@gmail.com	hm	hm	hm	hm	hm	hm	hm	hm	hm	hm	hm	hm	hm
35	Soumya D.O Lecturer, P.G.Centre, Kuvempu Chikkamagalore University	8151094130	Soumyad0510@gmail.com	so	so	so	so	so	so	so	so	so	so	so	so	so
36	Shwetha E.R Lecturer Govt. Polytechnic, harihar	9902399333	Swethaer82@gmail.com	se	se	se	se	se	se	se	se	se	se	se	se	se
37	Sabareshwaran S JNNCE	8277496700	Sabaresh.s@jnnce.ac.in	s	s	s	s	s	s	s	s	s	s	s	s	s
38	Archana M Faculty, PESTIM, Shimoga	9900210251		a	a	a	a	a	a	a	a	a	a	a	a	a
39	Vanithalakshmi S.M Research scholar KU	7676772033	Vanithateju02@gmail.com	v	v	v	v	v	v	v	v	v	v	v	v	v
40	Sandeepa S.K faculty	980026125		s	s	s	s	s	s	s	s	s	s	s	s	s



ವಿಜಯವಾಣಿ

● VIJAYAVANI » SHIVAMOGGA
ಮಂಗಳವಾರ 22 ಜನವರಿ 2019
22 JANUARY 2019

ತಂತ್ರಾಂಶ ರಚನೆಯಲ್ಲಿ ಗಣಿತ ಅವಶ್ಯಕ

ಶಿವಮೊಗ್ಗ: ತಂತ್ರಾಂಶ ರಚನೆಯಲ್ಲಿ ಗಣಿತ ಅನ್ವಯಿಕ ಅಂಶಗಳನ್ನು ಉಪಯೋಗಿಸುವುದು ಅವಶ್ಯಕ ಎಂದು ಕುವೆಂಪು ವಿವಿ ನಿವೃತ್ತ ಪ್ರಾಧ್ಯಾಪಕ ಪ್ರೊ. ಸಿ.ಎಸ್. ಬಾಗೇವಾಡಿ ಹೇಳಿದರು.

ಜಿಎನ್‌ಎನ್‌ಸಿ ಕಾಲೇಜಿನಲ್ಲಿ ಗಣಿತ ವಿಭಾಗ ಆಯೋಜಿಸಿದ್ದ ಇಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರದಲ್ಲಿ ಗಣಿತ ಅನ್ವಯ ವಿಷಯ ಕುರಿತ ವಿಚಾರ ಸಂಕಿರಣ ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿದ ಅವರು, ವೈದ್ಯಕೀಯ ಕ್ಷೇತ್ರ ಹಾಗೂ ತಂತ್ರಾಂಶ ರಚನೆಯಲ್ಲಿ ಗಣಿತದ ಮೂಲ ಅಂಶಗಳು ಬಹಳ ಪರಿಣಾಮಕಾರಿಯಾಗಿ ಬಳಕೆಯಲ್ಲಿವೆ. ತಂತ್ರಾಂಶಗಳಿಂದ ನಿಖರ ಅಂಕಿಅಂಶಗಳನ್ನು ಗಣನೆಗೆ ತೆಗೆದುಕೊಳ್ಳಲು ಸಹಕಾರಿಯಾಗುತ್ತದೆ ಎಂದರು.

ತ್ರಿಡಿ ಮುದ್ರಣದಲ್ಲಿ ಬಳಕೆಯಾಗುವ ತಂತ್ರಾಂಶ ಹಾಗೂ ವಿನ್ಯಾಸಗಳ ಕಲ್ಪನೆಗೆ ಸಿದ್ಧಪಡಿಸಲು ಗಣಿತ ಬೇಕಾಗುತ್ತದೆ. ವಿನ್ಯಾಸ ರೂಪಿಸಲು ಗಣಿತ ತಜ್ಞರ ಅವಶ್ಯಕತೆ ಇದೆ. ತ್ರಿಡಿ ರೂಪದಲ್ಲಿ ಗಣಿತದ ಎಲ್ಲ ರೀತಿ ಗಣನೆಯೊಂದಿಗೆ ವಿನ್ಯಾಸ ಸಿದ್ಧವಾಗುತ್ತದೆ. ಆದ್ದರಿಂದ ಮೂಲ ಗಣಿತ ವಿಷಯ



‘ಇಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರದಲ್ಲಿ ಗಣಿತ ಅನ್ವಯ’ ಕುರಿತ ವಿಚಾರ ಸಂಕಿರಣದಲ್ಲಿ ಕುವೆಂಪು ವಿವಿಯ ಪ್ರೊ. ಸಿ.ಎಸ್.ಬಾಗೇವಾಡಿ ಮಾತನಾಡಿದರು.

ಸಂಶೋಧನೆಯಲ್ಲಿ ಆಸಕ್ತಿ ಹೆಚ್ಚಿಸಿಕೊಳ್ಳಬೇಕು ಎಂದರು.

ಜಿಎನ್‌ಎನ್‌ಸಿಇ ಪ್ರಾಚಾರ್ಯ ಡಾ. ಎಚ್.ಆರ್. ಮಹಾದೇವಸ್ವಾಮಿ ಮಾತನಾಡಿದರು. ಬೆಂಗಳೂರು ವಿವಿಯ ಪ್ರೊ. ಎಚ್.ಜಿ.ನಟರಾಜ್, ಎನ್‌ಇಎಸ್ ಕಾರ್ಯದರ್ಶಿ ಎಸ್. ಎನ್.ನಾಗರಾಜ್, ಸಿ.ಆರ್. ನಾಗರಾಜ್, ಕೃಷ್ಣಮೂರ್ತಿ, ಉಪಪ್ರಾಚಾರ್ಯ ಡಾ. ಎಲ್.ಕೆ.ಶ್ರೀಪತಿ ಮತ್ತಿತರರಿದ್ದರು.



National Education Society(R.)



Jawaharlal Nehru National College of Engineering, Shivamogga Internal Quality Assurance Cell(IQAC)

Report

The current trend of research is “**Differential Geometry and its applications**”. A workshop covering the basics of **Differential Geometry** was formulated under the guidance of Dr. H.R. Mahadevaswamy, Principal, JNNCE. The Department of Mathematics has organized a five days National Level Workshop on “**Differential Geometry and its applications in Engineering Fields**” from **21st Jan to 25th Jan- 2019**. Shridhar Adiga, HOD, Department of Mathematics is the workshop organizing chair and the coordinators of the workshop are Dr. Gurupadavva Ingalahalli, Assistant Professor, Department of Mathematics, Dr. Krishnamurthy M.R., Assistant Professor, Department of Mathematics, JNNCE. About 56 participants registered for the workshop from various Govt. first grade colleges, Engineering colleges, research scholars from Kuvempu university, faculty from DSDNP polytechnic and in-house faculty. The workshop was inaugurated on 21st January 2019 by Prof.C.S. Bagewadi, Emeritus Professor (UGC) Kuvempu University, Shimoga, Sri S.N. Nagaraj, Secretary N.E.S, Sri C.R. Nagaraj, Treasurer, N.E.S, Dr.H.R. Mahadevaswamy, Principal, JNNCE and Dr.L.K. Sripathi, Vice Principal JNNCE. Prof.C.S. Bagewadi in his inaugural speech, spoke about the need of **Differential Geometry and its applications**.

The first day of the workshop was handled by Prof.C.S.Bagewadi and Prof. H.G.Nagaraj. They gave a deep insight about the basics of Differential Geometry. The second day sessions was handled by Dr.B.J.Gireesh, Chairman, Department of Mathematics, Kuvempu University.

On the third day, Prof.Veerappa Gowda from TIFR, Bangalore, gave a talk on Hamilton-Jacobi equations in Shape from Shading. 2nd session is handled by Prof.T.Venkatesha, Department of Mathematics, Rani Channamma University, Belgavi gave a talk on n dimensional real manifolds. Afternoon session is handled by Prof. V.S.Prasad, RIE, Mysore Covered Concepts of Linear Algebra. Last in the session Dr.B.C.Prasanna Kumar covered topics on Mathematical Models and Dimensional Analysis for Fluid Mechanics.

The fourth day was handled by Prof. V.S.Prasad, RIE, Mysore. He covered the concepts of Differential Geometry. 2nd session is handled by Prof.T.Venkatesha, Department of Mathematics, Rani Channamma University, Belgavi gave a talk on Applications under differential geometric settings. The afternoon session was about Matlab and handled by Dr.Manjunatha P. Last session is handled by Prof.Javier Finat. On the last day Dr.Saikat Chatterjee, IISER TVM, gave a detailed lecture on differential Geometry.

Prof. Shridhar Adiga
Head of the Dept. of Mathematics
J.N.N. College of Engineering
SHIVAMOGGA-577 204