



Department of Information Technology

Technical Magazine

Jan-Dec 2013



INFORMATION TECHNOLOGY

Research Papers published in Journals

G. Rama Mohan Babu, Associate Professor, Dr.B.Raveendra Babu, A. Sri Krishna, Professor & Head, N.Venkateswara Rao, Associate Professor, "Shape Matching And Recognition Using Hybrid Features From Skeleton And Boundary", International Journal of Computers & Technology, June 5, 2013, Vol-7, issue-2, pp:558-564, ISSN:22773061

Sri B.Venkateswarlu Associate Professor, Dr.K.Rajasekhara Rao Professor, "Image DeNoising using neighbourhood shrinkage in Contourlet Transforms Domain", International Journal of Technology and Engineering Science (IJTES), pp. 1230-1232, Vol. 1(8), ISSN: 2320-8007, November 2013.

Sri G.Rama Mohan Babu Associate Professor, Dr.B. Raveendra Babu Professor, "Performance Evaluation of Statistical Classifiers for Shape Recognition with Morphological Shape Decomposition method", International Journal of Engineering and Innovative Technology(IJEIT), pp. 192-195, Vol. 3, ISSN: 2277-3754, September 2013..

Sri M.Ramesh, Associate Professor, Dr.B.Raveendra Babu, Professor, "Mammogram Images using Two-Dimensional MultiWavelet Transform with Multiresolution analysis", International Journal of Engineering Science and Innovative Technology, Vol. 2, Issue 5, pp. 94-100, ISSN: 2319-5967, September 2013.

Dr.A.Srikrishna, Professor, Sri P.Pallavi, Sri V.Geetha Madhuri, Smt. N.Neelima , Assistant Professor," Object Segmentation using Multiscale Morphological Operations" , International Journal of Computer Science, Engineering and Information Technology(IJCSEIT), Vol.3, No. 4, DOI: 10.5121/ijcseit.2013.3402, August 2013.

Dr.A.Srikrishna, Professor, Sri G.Srinivasa Rao, Associate Professor, and Sri M.Sravya, “Contrast Enhancement Techniques using Histogram Equalization methods on Color Images with poor lightning”, International Journal of Computer Science, Engineering and Applications (IJCSEA), Vol.3, No.4, DOI: 10.5121/ijcsea.2013.3402, August 2013.

Dr.A.Srikrishna Professor, Sri B.Eswar Reddy Professor, Sri. V.Sesha Srinivas, Assistant Professor ,“Automatic feature Subset Selection using Genetic Algorithm for Clustering” International Journal of Recent Trends in Engineering and Technology, Vol.9,No.1, ISSN:21585555, DOI: 01.IJRTET.9.1.560, July 2013.

Sri M.Ramesh, Associate Professor, Dr.B.Raveendra Babu, Professor, “Mammogram Image Enhancement using Denoising with Segmentation algorithm using Global methods”, International Journal of Engineering and Innovative Technology, Vol.3, Issue 1, pp. 515-520, ISSN: 2277-3754, July 2013.

Sri G.Rama MohanBabu, Associate Professor, Dr.B. Raveendra Babu ,Professor, Dr. A. Srikrishna, Professor, Sri N.Venkateswara Rao, Associate Professor, “Object Recognition using Disk based Morphological Shape Decomposition features”, International Journal of Computer Applications, pp. 29-33, Vol.73(2), ISSN: 0975-8887, July 2013.

B.Hemanth Kumar , Associate Professor, Prof. M.Surendra Prasad Babu, “Study and Constructing RDF model for a well formatted Valid XML document”, International Journal on Computer Science and Engineering (IJCSE), Vol.5 No.7, ISSN: 0975-3397, July 2013.

Gate – 2013 & GRE Results

- Number of students qualified in Gate 2013 examination is 3
- Number of students who have qualified in GRE/TOEFEL is 5
- Number of students who have qualified in IELTS is 3

Seminars/ Workshops/Conferences/ Short Term Courses / Symposia Attended by the Faculty

- Sri B.Venkateswarlu, Sri M.Ramesh, Sri G.Rama Mohan Babu, Sri B.HemanthKumar and Sri G.Srinivasa Rao, Associate Professors, Three day training program, Rational Seed Program, during 28-30 January, 2013.
- Sri M. Ramesh and Sri G.Rama Mohan Babu, Associate Professors, Sri K.Subramanyam, Assistant Professor, One day Workshop ON MATLAB & Simulink for Engineering education, organized by M/s Math Works India, Kakinada, 21st March 2013.
- Dr.A.Srikrishna, Professor & Head, Sri G.Rama Mohan Babu, Sri Hemanth Kumar, Sri G.Srinivasa Rao, Associate Professors, Smt. N.Neelima, Sri Venkat Srinivas and Sri K.Subramanyam, Assistant Professors, Workshop on BIG DATA ANALYTICS, organized by Department of Computer Science & Engineering RVR&JC college of Engineering, Guntur, during 17-18 April, 2013.
- Sri G.Srinivasa Rao, Associate Professor, Sri V.Sesha Srinivas, Assistant Professor and Sri K.Subramanyam, Assistant Professor, UGC Sponsored National Seminar on Solar Energy Harvesting through Photovoltaic cells and Storage, Organized by the Department of Physics and Chemical Engineering, RVR&JC college of Engineering, Guntur, during 21-22 June, 2013
- Sri V.Venkata Srinivas Assistant Professor, 3-day workshop on Research Methodology in computer Science, organized by Department of Information Technology, Sri Vidyaniketan engineering college, during 28-30 June, 2013
- Sri V.Venkata Srinivas Assistant Professor, 2-day national workshop on cyberForensics, organized by department of computer science and system engineering, Andhra University college of engineering(A), during 26-27 April, 2013

- Sri V.Venkata Srinivas Assistant Professor, 2-day national workshop on Recent Research Trends in computer science & Information Technology, Organized by Department of computer science & engineering and Information Technology, JNTUV,Vizianagaram,during 21-22 June,2013
- Sri B.Venkateswarlu, Associate Professor, Sri G. Srinivasa Rao, Associate Professor. AICTE Sponsored Two day National Workshop on “Nanotechnology – A Fuel for Chemical Industry”, organized by Department of Chemical Engineering, RVR & JC College of Engineering, during 20 -21 September, 2013.
- Sri B. Venkateswarlu, Associate Professor, AICTE Sponsored Three day National Workshop on “Mobile Computing and Mobile Application Development”, organized by SRKR Engineering College, Bhimavaram, during 7 – 9 November 2013.
- Dr.A.Sri Krishna, Professor, Sri B.Venkateswarlu,Associate Professor, Sri M.Ramesh ,Associate Professor , Sri B. Hemanth Kumar , Associate Professor , Sri G.Srinivasa Rao , Associate Professor, Sri M.Pompapathi, Assistant Professor, Smt. N.Neelima , Assistant Professor , Sri K.Subramanyam, Assistant Professor., Sri M.Siddardha Kumar , Assistant Professor., Sri V.Venkata Srinivas, Assistant Professor, AICTE sponsored Three day National workshop on “Signal & Image Processing using LabVIEW” organized by Department of Electronics & Communications, R.V.R.& J.C.College of Engineering, Chowdavaram, during 11–13 November 2013.
- Sri G.Rama Mohan Babu, Associate Professor, Two day National workshop on “Model Based Design for Power Electronics & Embedded systems” organized by Department of Electrical and Electronics Engineering, R.V.R. & J.C.College of Engineering, Chowdavaram, during 12–13 December, 2013.

- Sri G. Srinivasa Rao , Associate Professor, Six -day Faculty Development Programme on “Research Methodology”, organized by Research and development cell, JNTUH, Hyderabad, during 16-21 December, 2013.
- Sri B.Hemanth Kumar, Associate Professor, Sri M. Pompapathi, Assistant Professor, Sri K. Srinivasa Rao, Assistant Professor, Sri A. Yaswanth Kumar, Assistant Professor, Two day National Seminar on “Recent Trends and Developments in the field of Computer Vision” organized by VRSEC , during 20 - 21 December 2013.

Academic Results

	IV/IV	III/IV	II/IV	I/IV
Students appeared	115	124	122	110
Students passed	115	95	77	78
%pass	100	76.61	63.11	70.90

Year	Total Appeared	Total Pass	% Pass
IV/IV B.Tech	115	115	100
III/IV B.Tech	124	95	76.61
II/IV B.Tech	122	77	63.11
I/IV B.Tech	110	78	70.90

Anyone who stops learning is old,
whether at twenty or eighty.
Anyone who keeps learning stays young.

~ Henry Ford

Training

Sl. No.	Year	Name of the Program	Name of the Recourse Person & Name of the Company	Date/Period
1.	I/IV	Importance of Body Language & Mannerisms	M/s Seventh Sense, Bangalore	08.04.2013 08.30AM – 11.30 AM

Industrial Tours & Short Term Visits



S.No	Target Audience	Description	Duration From – To
1.	III/IV B.Tech	Study Tour to Bangalore, Mysore, Ooty, Munnar and Chennai in South India..	19.01.2013 to 22.01.2013
2.	II/IV B.Tech	Short Tour to Steel Plant and Araku Valley	08.03.2013 to 10.03.2013

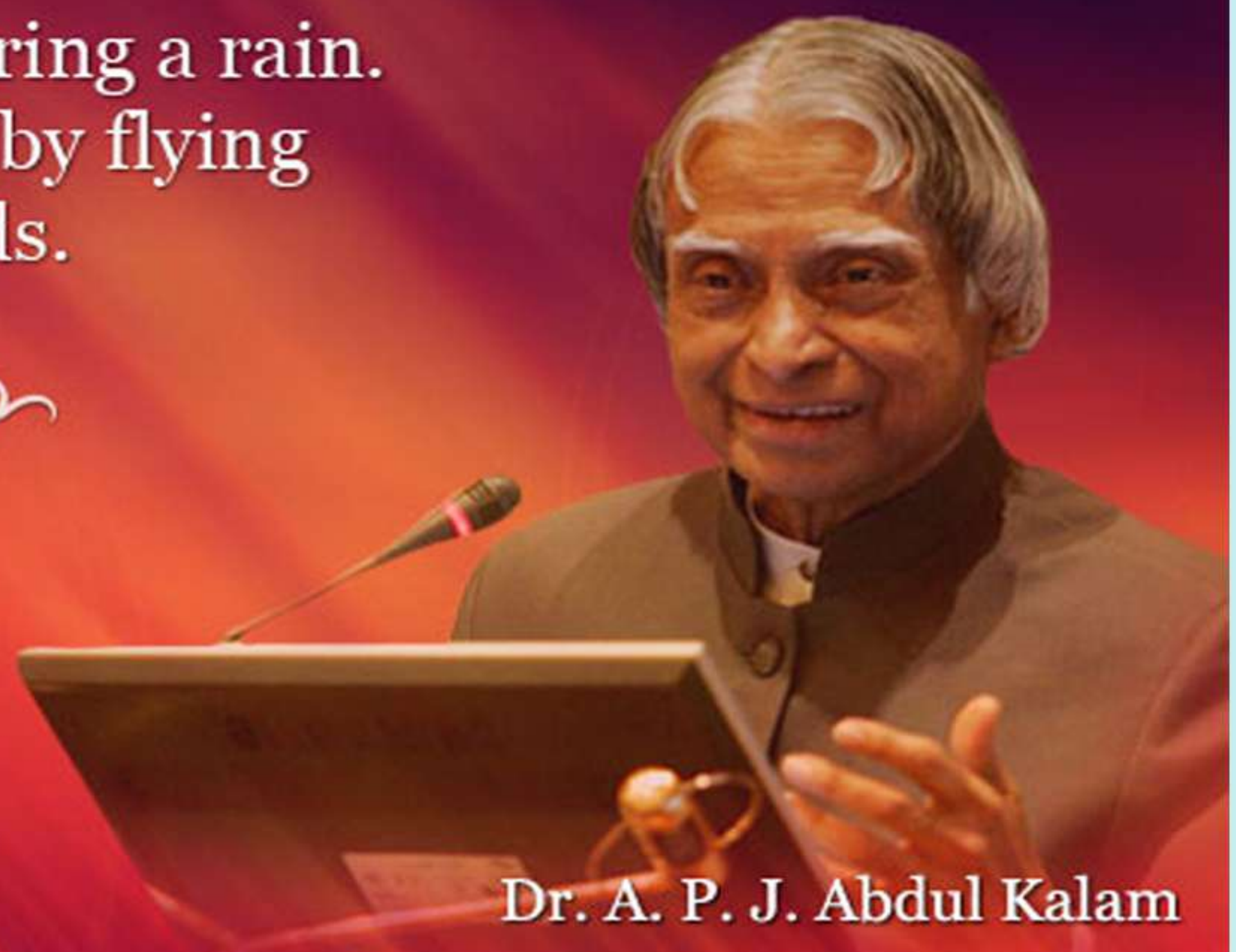
Placements

SLNo.	Name of the Company	No. of students placed	Date
1	TCS Limited, HYD.	11	26-09-2013
2	Infosys, Bangalore.	18	19-12-2013
3	NTT Data	12	23-12-2013

SPORTS

Sl.No	Regd.No	Name of the student	Event	Venue	Place
1	Y11IT812	B.Rama Sahithi	Chess	S.CH.College, Maddirala.	2 nd
2	Y11IT844	K.Sai Madhuri	Chess	S.CH.College, Maddirala.	2 nd
3	Y12IT822	Sai Teja Chandra	Foot Ball	B.G.Degree College, Sattenapalli.	--
4	Y12IT859	Mir.Afzal Abbas Baqvari	Foot Ball	B.G.Degree College, Sattenapalli.	--


 All birds find shelter during a rain.
 But Eagle avoids rain by flying
 above the clouds.




Sample Projects

Top Projects

1. **Object Segmentation Using Multi-scale Morphological Reconstructions** by P. Pallavi (Y9IT881), Y.SaiSindhu(Y9IT917), S. Lakshmi Manasa (Y9IT905) guided by Dr. A. SriKrishna
2. **Contrast Enhancement Techniques Using Histogram Equalization Methods on Images with Poor Lighting** by M. Sravya (Y9IT873), R. L. Lahari (Y9IT893) guided by Dr. A. SriKrishna.
3. **Automatic Feature Subset Selection Using Differential Evolution** by S. Bhavana (Y9IT898), V. Lakshmi (Y9IT914), P. Jayendra (L10IT929) guided by V. Sessa Srinivas.
4. **Modified Histogram Specification for Contrast Enhancement of Gray Scale Images** by N. L. T. Sowmya (Y9IT876), V. HarshaVardhan (Y9IT915), N. Kavya (Y9IT877) guided by G. Srinivasa Rao.
5. **Pronunciation Variation Speech Recognition without Dictionary Modification on Telugu Database** by Y. Hymavathi (Y9IT918), P. Sai Supriya (Y9IT897), M. Deena Mary Gold (Y9IT870) guided by K. Subramanyam.

Average Projects

1. **A Nonlinear Derivative Scheme Applied to Edge Detection** by A.Pavani Aishwarya(Y9IT803), A.Jyothirmai (Y9IT802) guided by M.Pompapathi.
2. **A Novel System for Unconstrained Handwritten Word Recognition** by BabuRao(Y9IT908), Ch.Vishnu(L10IT924), P.Sai Krishna(L10IT928) guided by B.Manasa.
3. **An Optimal Data Hiding Scheme with Tree Based Parity Check** by MD.NazmaBhanu (Y9IT863), ViswanathVikas (Y9IT9167),K.Mahesh(L10IT926) guided by V.VenkataSrinivas.
- 4 **Differential Evolution Based Automatic Fuzzy Clustering for Image Segmentation** by P.V.Satya Vani (Y9IT891),G.Veeranjaneyuluy(L10IT925), M.Naga Lakshmi(Y9IT872) guided by M.Ramesh.
- 5.**Digital Water Marking Method Based on Image Segmentation and DFT**by P.Sneha (Y9IT880), P.Sarika (Y9IT883) guided by B.Venkateswathlu.

Editorial Board

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Sl.No	Staff Name	Designation
1	Dr. M.Ramesh	Associate Professor
2	Sri. M.Pompapathi	Assistant Professor
3	Smt. N. Neelima	Assistant Professor

Student Members		
Sl.No	Reg. No	Sudent Name
1	Y10IT852	k.Sai Kiran
2	Y10IT875	N.Nikhil
3	Y10IT906	R.Spoorthy
4	Y11IT815	Ch.Srihari Priya
5	Y11IT861	M.Manohar Sai
6	Y11IT882	P.Trinesh
7	Y12IT837	Ch.Gopi Surendra Reddy
8	Y12IT844	K.Ramya

A.Srikrishna

Chief Editor

Dr.M.Ramesh

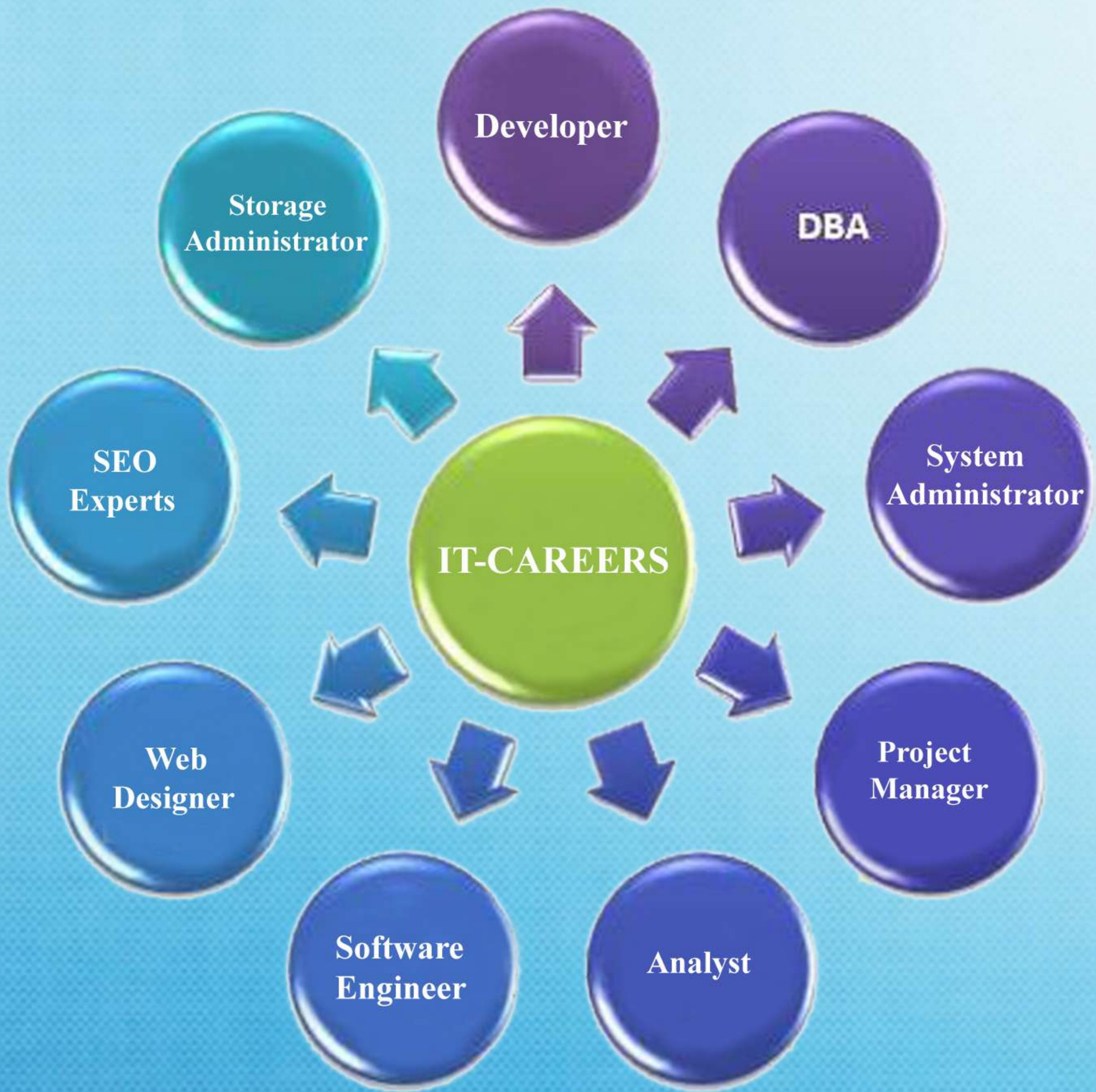
Convener

k.Sai Kiran

Student Convener

Arise, Awake and Stop not until the Goal is Achived

- Swami Vivekananda



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