Indexed Journal Refereed Journal Peer Reviewed Journal Multidisciplinary Journal Online and Print Journal

ISSN: 2455-4588 Impact Factor: RJIF 5.12 Index Copernicus 2016: 57.87 www.educationjournal.in

# International Journal of Multidisciplinary Education and Research

Gupta Publications New Delhi, India

Q Search

#### **EDITORIAL BOARD**

#### **EDITOR IN CHIEF**



Dr. Prem Shankar Srivastava (M.Sc., M.Phil., M.Ed., UGC (NET), CTET, Ph.D.) Faculty of Education, The ICFAI University, Banashankari, Bengaluru, Karnataka, India Email: drpssrivastava@gmail.com

**EDITORS** 

Sheeja P Parayil (MSc in PLANT SCIENCE,)

Assistant Professor in Botany

Research and Post Graduate Department of Botany, SN College, Nattika, University of Calic

Kerala, India

Email: shjparayil@gmail.com

G. Dineshkumar (M.Sc., M.Phil., Ph.D.)

**Assistant Professor** 

Department. of Zoology & Biotechnology, AVVM Sri Pushpam College (Autonomous), Poondi &

Thanjavur, Tamil Nadu, India

Email: dineshkumar.june28@gmail.com

3

Dr. Pravin Raj Solomon (PhD)

Associate Professor

Research, School of Chemical and Biotechnology, SASTRA, Tirumalaisamudram, Thanjavur, Tamil Nadu, India

Email: pravinsprs@gmail.com

4

D. Indumathi (PhD)

Assistant Professor

Department of Biochemistry and Biotechnology, Annamalai University, Chidambaram, Tamil Nadu, India

Email: indu\_mathi\_1927@yahoo.co.in

6/18/2022, 7:59 AM 3 of 16

WhatsApp

https://www.educationjournal.in/board

5		Dr Praveen Dhar T (MSc( Botany), MPhil( Botany), MEd, MPhil( Education), MA English, MA History, PhD) Assistant Professir St.Stephens College, Pathanapuram, Kollam, Kerala, India Email: dharpraveent@gmail.com	
6		K Ramesh Reddy (Ph.D) Associate Professor Department of Mechanical Engineering, Sri Vasavi Engineering College, Tadepalli Gudem, Andhra Pradesh, India Email: krameshreddy2002@gmail.com	
7		Dr. Shameemul Haque Lecturer Department of Computer Science, Tanumah Campus, King Khalid University, Guraiger Abha, Saudi Arabia Email: shameem32123@gmail.com	
8	0	Harold Jan R. Terano (PhD) Assistant Professor Camarines Sur Polytechnic Colleges, Nabua, Camarines Sur, Philippines Email: haroldjan1010@gmail.com	
9		Dr. Mandakini Singla (Ph.D.) Researcher Department of Zoology, Panjab University, Chandigarh, India Email: drmandakinisingla@gmail.com	
10		Dr. Sandeep Kataria (M.Sc., M.Phil., M.Ed., UGC (NET), CTET, Ph.D.) Principal Saint Sahara College of Education, Ferozepur Road, Near Power Grid, Sri Muktsar Sahib, Punjab, India Email: katariasandeep.1010@rediffmail.com	
11		Dr. Safiuddin (M.Phil., Ph.D.) Assistant Professor Department of Botany, ACE, Aligarh, Uttar Predesh, India Email: safiuddin7ansari@gmail.com	
12		Dr. Wali Muhammad Achakzai (PhD) Associate Professor Department of Zoology, University of Balochistan, Quetta, Pakistan Email: achakzaiw@yahoo.com	
13		Mowna Karthick (M.D. (Microbiology)) Specialist in Lab Laboratory Department-Microbiology, Section Dr. sulaiman Al Habib Hospitals, As-Suwaidi, Riyadh, Saudi Arabia Email: drmowna@gmail.com	
14	9	Massoud Kaykhaii (PhD) Professor Department of Chemistry, Faculty of Sciences University of Sistan and Baluchestan Zahedan, Zahedan, Iran	

	Email: kaykhaii@chem.usb.ac.ir
15	Mohammed Wasim Siddiqui (PhD) Assistant Professor-cum-Scientist Department of Food Science and Postharvest Technology Bihar Agricultural University, Sabour, Bhagalpur, Bihar, India Email: wasim_serene@yahoo.com
16	Dr. Myle Akshay Kiran (Pharm D.) Doctor of Pharmacy Pratista Institute of Pharmaceutical Science, Durjpally Chevmala Mandalam Suryapeta, Telangana, India Email: myleakshaykiran@gmail.com
17	Sreenivasulu Ganugapenta (Ph. D.) Researcher Department of Geology, Yogi Vemana University, Kadapa, Andhra Pradesh, India Email: seenu9441@gmail.com
18	Dr. Vidya H N (Ph. D.) Assocaite Professor Government Arts College (Autonomous) Hassan, Karnataka, India Email: vidyasridhara365@gmail.com
19	Piyush Mani Maurya (M.Sc., B.Ed., M.Ed.) Assistant Professor & Head Department of Chemical Sciences, Shri Jagdishprasad Jhabarmal Tibrewala University, Churela, Rajasthan, India Email: piyush.jjtu@gmail.com
20	Dr. Pradeep Kumar (M.Sc, Ph.D, PDF, Young Scientist (DST)) Assistant Professor Department of Zoology, Sant Gadhinath PGCollege Mohammadabad-Gohna,Mau, Uttar Pradesh, India Email: pkumar_gpu@yahoo.co.in
21	Dr. Ramachandra C G (B.E, M-Tech, Ph.D) Professor and Head Department of Mechanical Engineering, Srinivas Institute of Technology, Merlapadavu, Farangipete, Valachil, Arkula, Karnataka, India Email: ramachandra.cg@gmail.com
22	Raffi Mohammed (B.Tech,M.Tech,(Ph.D),FISME,SMIERD,MISRD,MISTE,MIAENG,MIACSIT) Associate Professor Department of Mechanical Engineering, Ramachandra College of Engineering, Eluru, Andhra Pradesh, India Email: mohammed_rafi336@yahoo.com
23	Dr. A. Swaroopa Rani (Ph.D, PDF (France)) Assistant. Professor Department of Biotechnology, Jawaharlal Nehru Technological University Anantapur, JNTUA College of Engineering, Pulivendula, Andhra Pradesh, India Email: bioswar@yahoo.com

24	A	Dr. Deepak Kumar Pradhan (B.Ed,MA(EDN),MA(POL-SC),M.PHIL,NET,Ph.D) Lecturer in Education Department of Education, Sukinda College, Sukinda, Jajpur, Odisha, India Email: deepakedn2010@yahoo.com			
25	0	Dr. Ewelum Johnson Nnadi (Ph.D, M.ED, B.ED) Senior Lecturer Department of Adult Education, Nnamdi Azikiwe University, Awka, Anambra, Nigeria Email: ewelumjohnson@gmail.com			
26		Dr. Debjani Guha (Education) Associate Professor Department of Education, University of Kalyani, Alyani Nadia, West Bengal, India Email: dgcws@rediffmail.com			
27	Carp -	Dr. G. Ambedkar (PhD) Assistant Professor PG & Research, Department of Biotechnology, Sri Vinayaga College of Arts and Science, Ulundurpet, Villupuram, Tamil Nadu, India Email: gambedkar1984@gmail.com			
28	( #) ( )	Dr. Pouya Derakhshan-Barjoei (Ph.D) Associate Professor Head of Electrical and Telecommunication Engineering Group, Naein Branch, Islamic Azad University, Isfahan,Iran Email: pooyaderakhshan@yahoo.com	\ mbus		
29		Dr. Munmun Yogesh Tiwari (Ph.D) Associate Professor of Engg. Chemistry Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal dist Jalgaon, Maharashtra, India Email: munmuntiwari25@gmail.com	_		
30		Dr. Poonam Sharma (Ph.D) Associate Professor Department of Food Science and Technology, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Srinagar, Jammu and Kashmir, India Email: poonamsharmasms@gmail.com			
31		Raj Kumar (Ph D, NET) Assistant Professor Fisheries, Farming System Research Centre Faculty of Agriculture, Skuast Jammu Chatha, Jammu, Jammu and Kashmir, India Email: rajpaba_fish@yahoo.com			
32		Dr Vinoth Rathinam (M.E., Ph D) Associate Professor Department of Electronics and Communication Engineering, St.Ann's College of Engineering and Technology, Chirala, Andhra Pradesh, India Email: rvinothrathinam@gmail.com			

33		Dr. Praveen Kumar Sharma (PhD) Associate Professor Department of Chemistry, Lovely Professional University, Punjab, India Email: pk_pandit1982@yahoo.com			
34		Dr. Mohankumar Namdeorao Bajad (Ph.D) Associate Professor Department of Civil Engineering, Sinhgad College of Engineering, Pune, Maharashtra, India Email: mnbajad@rediffmail.com			
35	7	Dr. Khuda Bakhsh (Ph.D) Assistant Professor Department of Education, Government College, Faisalabad, Pakistan Email: khudabakhsh@gcuf.edu.pk			
36	CONTE	Prof B Suresh Lal (PhD) Professor of Economic Department of Economics, Kakatiya University Warangal, Warangal, Telangana, India Email: bsureshlal@gmail.com			
37		Dr. Sr. M. Arul Sheeba Rani (PhD) Assistant Professor Botany Nirmala College for Women Red fields, Coimbatore, Tamilnadu India Email: sheebam582@yahoo.com			
38	(#31) <b>(</b> #31)	Dr Faiza Rifat (M.Phil. Ph.D) Associate Professor Zoology Department of Zoology, Creative girls' College Gangapurcity, Rajasthan, India Email: faizarifat@yahoo.in			
39		Alihan Cokkizgin (PhD) Assistant Professor Organic farm dpt. Gaziantep University, Turkey Email: acokkizgin@gantep.edu.tr			
40	Sales Sales	Dr. Chandrashekhara K. G. (MSc, Ph.D) Associate professor Department of Chemistry, Srinivas Institute of Technology Valachil, Merlapadav Mangaluru, Karnataka, India Email: kagochara@gmail.com			
41	-	Naqibullah Saqib (LLM, MBA, PhD) Professor and Dean of Law and Political Science Faculty Promotion Committee, General Directorate for Coordination of Academic Affairs, of the ministry of Higher education of Afghanistan, kabul, Afghanistan Email: nsaqib2007@gmail.com			

42		Dhanraj Sudam Shirsath (M.Sc. Ph.D) Head of Department Department of chemistry, RMSRMS College, Dondaicha, Maharashtra, India Email: dhanrajshirsath111@gmail.com			
43	Con	Dr. Nisar Shaikh (M.Sc. Ph.D) Principal Department of Biotechnology A. E. Kalsekar Degree College, Kausa, Mumbra, Dist. Thane, Maharashtra State, India Email: nisargmmwc@gmail.com			
44	(19)	Dr. Krishan Kumar Singh (P.hD) Assistant Professor Department of Horticulture, School of Agriculture Science, Career Point University, Kota, Rajasthan India Email: forekrishna@gmail.com			
45		Dr. Jaggi Lal (M.Phil., Ph.D) Associate Professor Department of Pharmacological Dr. Modi K.N. Modi University, Rajasthan, India Email: jaggitajagra@gmail.com			
46		Dr. B. N. Harisha (M.A, PhD) Assistant Professor Department of Economics, Government First Grade College Channagiri, Davanagere, Karnataka, India Email: harishabn@gmail.com			
47	0	Avinash Singh Tomar (PhD Soil science) Assistant Professor Department of Soil science, college of Agriculture,RVSKVV, Gwalior, Madhya Pradesh, India Email: avinash_tomar555@yahoo.com			
48		Dr. Ernest-Ehibudu, Ijeoma Regina (PhD- GUIDANCE and COUNSELLING) Senior Lecturer Department of Educational Psychology, Guidance and Counselling, Faculty of Education, University of Port Harcourt, Rivers State, Nigeria Email: ijeoma.ernest-ehibudu@uniport.edu.ng			
49		Dr Patience Ndidi Egboka (B.A.Ed. (English) M.Ed., phD) SENIOR LECTURER Educational Management and Policy, Faculty of Education, Nnamdi Azikiwe University, Awka, Anambra state, Nigeria Email: patiencegboka05@gmail.com			
50	0	Dr. Pankaj Kumar Ray (Ph.D.) Assistant Professor Krishi Vigyan Kendra, Bihar Agricultural University, Saharsa, Bhagalpur, Bihar, India Email: pankajveg@gmail.com			
51	0	Dr. Peenu Mahendra Joshi (Ph.D., NET, SLET, (JRF-SRF- CSIR UGC)) Associate Professor Department of Botany, Career College, Bhopal, Madhya Pradesh, India Email: drpeenu1@gmail.com			

52	0	Dr Ashwani Kumar (Ph.D. Botany specialization in plant biotechnology) Assistant Professor Council of Agricultural Research, Lucknow, Uttar Pradesh, India Email: akashwani84@gmail.com	
53		Baocun Liu Professor and Director Institute of International and Comparative Education (IICE), Beijing Normal University, Beijing, China Email: liubaocun@bnu.edu.cn	
54		Mohamed Abdel Fattah Ashabrawy (Ph.D) Assistant Professor Computer Science in Reactors, Department, Nuclear Research Center, Atomic Energy, Authority, Egypt Email: m.ashabrawy@sau.edu.sa	
55	0	Dr. Burhanuddin Tola Professor Jakarta State University, Jakarta, Indonesia Email: burhanuddin.tola@gmail.com	
56	0	Dr. John C Weidman Professor University of Pittsburgh, Pennsylvania, United States Email: weidman@pitt.edu	
57	0	Email: weidman@pitt.edu  Jane Setter (Ph.D)  Professor  University of Reading, Reading, United Kingdom  Email: j.e.setter@reading.ac.uk	
58	0	Connie M Wiskin Assistant Professor University of Birmingham, Birmingham, England, United Kingdom Email: c.m.wiskin@bham.ac.uk	
59		Tze Chang Liu (PhD) Assistant Professor National Chung Hsing University, Taichung, Republic of China, Taiwan Email: tcliu@dragon.nchu.edu.tw	
60		Teklu Tafase Olkaba Professor College of Education and Behavioral Science, Jimma University, Jimma, Ethiopia Email: teklu252@yahoo.com	
61	0	Ravindra Dissanayake Assistant Professor University of Kelaniya, Colombo, Sri Lanka Email: ravi@kln.ac.lk	
62		Nisantha Kurukulasooriya Assistant Professor University of Ruhuna, Matara, Sri Lanka Email: nisantha.ajith@gmail.com	

63	0	Heng Mary Anne Professor Nanyang Technological University, Nanyang Ave, Singapore Email: maryanne.heng@nie.edu.sg
64	0	Kooi Cheng Lee Assistant Professor National University of Singapore, Singapore Email: elcleekc@nus.edu.sg
65		Dr. Moses Changala Assistant Professor School of Education, Bridge building, University of Zambia, Lusaka, Zambia Email: moses.changala@gmail.com
66		Dr. Afolabi Olajide Joseph Assistant Professor Department of Biology, Federal University of Technology Akure, Nigeria Email: ojafolabi@futa.edu.ng
67	0	Yoyong Arfiadi Professor Department of Civil Engineering, Atma Jaya University, Yogyakarta, Indonesia Email: yoyong@mail.uajy.ac.id
68	0	Dr. Oluyomi A Sowemimo Professor Department of Zoology, Obafemi Awolowo University, Ife City, Nigeria Email: osowemimo@oauife.edu.ng
69	0	Karnita Garner (PhD) Associate Professor Alabama Cooperative Extension System, Alabama Agricultural and Mechanical University, Dawson Building Normal, Alabama, USA Email: kfg0003@aces.edu
70	0	Dr. Jamilur Rahman Associate Professor Sher-e-Bangla Agricultural University, Dhaka, Bangladesh Email: jamilsau@gmail.com
71		Dr. Ahmed Abd El-Gawad Assistant Professor Botany Department, Faculty of Science, Mansoura University, Algomhoria street, Mansoura, Al-Dakahlia, Egypt Email: dgawad84@yahoo.com
72	0	As Fouda (D.Sc., Ph.D., M.Sc.) Professor Department of Chemistry, Faculty of Science, Mansoura University, Mansoura, Egypt Email: asfouda@mans.edu.eg
73	0	Dr Adil Rasool (Ph.D) Head Research Committee Department of Economics, Bakhtar University Kabul, Kabul, Afghanistan Email: rasool.adil@gmail.com

74	•	Shafiq Ur Rehman (Ph.D in Economics & MA Economics) Professor Hod & chairman Department of Economics, Mohammad Ali Jinnah University, Karachi, Pakistan Email: shafiq@jinnah.edu			
75	0	Yao Saraka Didier Martial (Ph.D) Associate Professor & Head Ufr Sciences Biologiques, University of Peleforo Gon Coulibaly (UPGC), Korhogo, Côte D'ivoire Email: didierys@yahoo.fr			
76	0	Minhajur Rahman (MS in Botany) Assistant Professor Department of Botany, University of Chittagong Chittagong, Bangladesh Email: minhaj_bot@cu.ac.bd			
77		L Ramesh (PhD) Assistant Professor Department and College, Computer Science, Tips College of Arts and Science, Tamil Nadu, india Email: rameshsetmphilcs@gmail.com			
78		Dr. Kishore Mukhopadhyay (PhD) Associate Professor Union Christian Training College. Ambikababu Lane, P.O- Khagra, Dist- Murshidabad, West Bengal, India Email: kishore.km2007@gmail.com  Dr. Hanumanthappa K. M. (PhD) Assistant Professor	CALLY.		
79	0	Dr. Hanumanthappa K. M. (PhD) Assistant Professor Government First Grade College Harihar, Karnataka, India Email: hanumanthappakm.2020@gmail.com			
80		Dr. Ishrat Naaz (PhD) Assistant Professor School of Education Galgotias University, Greater Noida G. B. Nagar, U.P, India Email: ishratnaaz2610@gmail.com			
81		Dr. Mahdi Hosseini (PhD) Research Scientist Department of Civil Engineering, Jawaharlal Nehru Technological University Hyderabad, Telangana, India Email: civil.mahdi.hosseini@gmail.com			
82	0	Dr. Priya Rahul Trivedi (PhD) Head Academic and Department of Science Compfeeder Aisect College of Professional Studies, Indore, India Email: priyatrivedi2679@gmail.com			
83		Dr. Nand Kishore Singh (PhD) Professor Lalit Narayan Mithila University, Darbhanga, Bihar, India			

Ш	Email: hodhistorylnmu.ac.innksingh1948@gmail.com
84	Dr. Arijit Chatterjee (PhD) Principal Madhusthali Institute of Paramedical Sciences, Madhupur, Jharkhand, India Email: sanari_vishnu@yahoo.com
85	Dr. Christine Raouf George Mikhail (PhD) Lecturer Oral Medicine & Oral Diagnosis, Department of Oral Medicine & Periodontology, Faculty of Dentistry, Fayoum University, Egypt Email: dr.christine.raouf@gmail.com
86	Dr. Sandhya Vaid (PhD) Assistant Professor Department of Zoology, Chinmaya Degree College, Bharat Heavy Electrical Limited Ran, Uttarakhand, India Email: drsandhyavaid@gmail.com
87	Dr. Rupen Chatterjee (PhD) Faculty of Mathematics Nabagram Hiralal Paul College, Nabagram, Konnagar, Nabagram Colony, West Bengal India Email: rupenchatterjee429@gmail.com
88	Dr. Kandi Kamala (PhD) Assistant Professor Government Degree College, For Women Begumpet, Mayur Marg, Begumpet, Hyderabad, Telangana India Email: kamala.ranu@gmail.com
89	Dr. Alphonse Gaglozoun (PhD) Lecturer University of Abomey-Calavi, Republic of Benin, Management in Education Science, Laboratory of Human and Social Sciences (LASHS), Porto-Novo, National Institute of Youth, Physical Education and Sport Email: osseniwassere@gmail.com
90	Dr Gedam Kamalakar (PhD) Researcher Osmania University, Amberpet, Hyderabad, Telangana, India Email: kamalakarou@gmail.com
91	Dr. Christian Emeka Okafor (PhD) Senior Lecturer Department of Mechanical Engineering, Nnamdi Azikiwe University, Along Enugu-Onitsha Expressway, Awka, Nigeria Email: ce.okafor@unizik.edu.ng
92	Dr. Anu Gauba (PhD) Principal Faculty of Nursing, PDM University, PDM Rd, Sector 3A, Bahadurgarh, Haryana, India Email: anugauba@gmail.com

93		Dr. Rania Ibrahim Mohammad Almoselhy (PhD) Associate Professor Oils and Fats Laboratory, Food Technology Research Institute (FTRI), Agricultural Research Center (ARC) - Giza - Egypt Email: rania_almoselhy@outlook.com
94		Dr. T. Velmurugan (PhD) Associate Professor DMI-St. Eugene University, Zambia Email: velusocialwork@gmail.com
95		Dr. Marudhar (PhD) Associate Professor Mental Health Nursing Department, NIMS University, Delhi - Jaipur Expy, Shobha Nagar, Jaipur, Rajasthan, India Email: marudhar.aman786@gmail.com
96		Smt. Vijayalakshmi. N (PhD) Associate Professor Department of Sociology, Government First Grade College Madhugiri Tumakuru District, Karnataka, India Email: vijayalakshmibuvan@rediffmail.com
97	(A)	Ciurea Maria (PhD) Associate Professor University of Petrosani, Romania Email: mariamacris2011@yahoo.com
98		Dr. Mohammad Asadi Assistant Professor Department of Plant Protection, University of Mohaghegh Ardabili, Ardabil, Iran Email: assadi20@gmail.com
99		Dr. Indrajeet Ramdas Bhagat Assistant Professor M.S.P. Mandal's Yeshwantrao Chavan College Ambajogai, Beed, Maharashtra, India Email: dr.indrajeetbhagat@gmail.com

Apply for Editorial Board Member send your resume at ijmer.research@gmail.com

	Journal List	
SEARCH		
		Q
INDEXING		
	RJIGACTOR	

Search Q

### VOL. 3, ISSUE 3 (2018)

S.No.	Title and Authors Name	Subject	Country
1	Influence of accelerated ageing test on seed quality of onion (Allium cepa L.)	Science and Technology	India
	Niamatullah Feda, Paramesh, Baryalai Rafi, Ali Ahmad		
	Abstract   Download   Pages: 01-04		dd A
	How to cite this article: Niamatullah Feda, Paramesh, Baryalai Rafi, Ali Ahmad. Influence of accelerated ageing test on seed quality of onion (Allium cepa L.). International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 01-04		WhatsApp Enquiry
2	Urban Youth male gangsters and analyze tendencies for youth to involve in criminal acts through gangs	Law	Sri Lanka
	Niranji Wijewardhana, Mayura Samarakoon, Sineka Weerawardhana		
	Abstract   Download   Pages: 05-13		
	How to cite this article: Niranji Wijewardhana, Mayura Samarakoon, Sineka Weerawardhana. Urban Youth male gangsters and analyze tendencies for youth to involve in criminal acts through gangs. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 05-13		
3	Identifying and stamping corruption as a means of revamping the university education sector in Nigerian	Mathematics	Nigeria
	Nathaniel M Kamoh, Dauda G Gyemang		
	Abstract   Download   Pages: 14-18		
	How to cite this article: Nathaniel M Kamoh, Dauda G Gyemang. Identifying and stamping corruption as a means of revamping the university education sector in Nigerian. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 14-18		

4	Pakem learning strategy on skill speaking	Language	Indonesia
•	Neneng Rachmaniar, Endang Winarti	guugu	30110014
	Abstract   Download   Pages: 19-22		
	How to cite this article:		
	Neneng Rachmaniar, Endang Winarti. Pakem learning strategy on		
	skill speaking. International Journal of Multidisciplinary Education		
	and Research, Volume 3, Issue 3, 2018, Pages 19-22		
5	The internal auditor's responsibility for fraud	Education	United
	Md. Abdul Baten		Kingdom
	Abstract   Download   Pages: 23-26		
	How to cite this article:		
	Md. Abdul Baten. The internal auditor's responsibility for fraud.		
	International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 23-26		
6	Laughter therapy on stress levels of ICU staff nurses	Nursing	India
	Uppala Sireesha, Shanmugam Jhansi, Shabana, Dr. Indira S		
	Abstract   Download   Pages: 27-29		
	How to cite this article: Uppala Sireesha, Shanmugam Jhansi, Shabana, Dr. Indira S. Laughter		d
	therapy on stress levels of ICU staff nurses. International Journal of		Ap)
	Multidisciplinary Education and Research, Volume 3, Issue 3, 2018,		ats.
	Pages 27-29		Wh
7	Feeding difficulties and nutritional status of children with cerebral	Home science	India
	palsy in rural Tamil Nadu		~
	Dr. S Kavitha Maithily, G Kowshalya		
	Abstract   Download   Pages: 30-35		
	How to cite this article:  Dr. S Kavitha Maithily, G Kowshalya. Feeding difficulties and		
	nutritional status of children with cerebral palsy in rural Tamil Nadu.		
	· · ·		
	International Journal of Multidisciplinary Education and Research,		
	International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 30-35		
8	· · ·	Economics	India
8	Volume 3, Issue 3, 2018, Pages 30-35	Economics	India
8	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look	Economics	India
8	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look Nizamuddin, Dr. NK Gowda	Economics	India
8	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look  Nizamuddin, Dr. NK Gowda  Abstract   Download   Pages: 36-42  How to cite this article:  Nizamuddin, Dr. NK Gowda. Karnataka neeravari nigama limited:	Economics	India
8	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look  Nizamuddin, Dr. NK Gowda  Abstract   Download   Pages: 36-42  How to cite this article:  Nizamuddin, Dr. NK Gowda. Karnataka neeravari nigama limited:  Need for a fresh look. International Journal of Multidisciplinary	Economics	India
	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look Nizamuddin, Dr. NK Gowda  Abstract   Download   Pages: 36-42  How to cite this article: Nizamuddin, Dr. NK Gowda. Karnataka neeravari nigama limited: Need for a fresh look. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 36-42		
9	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look Nizamuddin, Dr. NK Gowda  Abstract   Download   Pages: 36-42  How to cite this article: Nizamuddin, Dr. NK Gowda. Karnataka neeravari nigama limited: Need for a fresh look. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 36-42  Growth of irrigation in Karnataka	Economics	India
	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look Nizamuddin, Dr. NK Gowda  Abstract   Download   Pages: 36-42  How to cite this article: Nizamuddin, Dr. NK Gowda. Karnataka neeravari nigama limited: Need for a fresh look. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 36-42		
	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look Nizamuddin, Dr. NK Gowda  Abstract   Download   Pages: 36-42  How to cite this article: Nizamuddin, Dr. NK Gowda. Karnataka neeravari nigama limited: Need for a fresh look. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 36-42  Growth of irrigation in Karnataka		
	Volume 3, Issue 3, 2018, Pages 30-35  Karnataka neeravari nigama limited: Need for a fresh look Nizamuddin, Dr. NK Gowda  Abstract   Download   Pages: 36-42  How to cite this article: Nizamuddin, Dr. NK Gowda. Karnataka neeravari nigama limited: Need for a fresh look. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 36-42  Growth of irrigation in Karnataka Nizamuddin, Dr. NK Gowda		

	Volume 3, Issue 3, 2018, Pages 43-45		
10	Effect of square stepping exercise versus Swiss ball exercise on balance in institutionalized elderly population	Physical Education	India
		Education	
	Mona, Dr. Bharti Arora, Dr. Sheetal Kalra		
	Abstract   Download   Pages: 46-51		
	How to cite this article:  Mona, Dr. Bharti Arora, Dr. Sheetal Kalra. Effect of square stepping		
	exercise versus Swiss ball exercise on balance in institutionalized		
	elderly population. International Journal of Multidisciplinary		
	Education and Research, Volume 3, Issue 3, 2018, Pages 46-51		
11	Impact of organizational climate on academic, professional and	Education	India
	social dimensions of teacher effectiveness of secondary schools: A		
	study		
	Dr. Pramod Kumar Naik, S Usha Mani		
	Abstract   Download   Pages: 52-56		
	How to cite this article:		
	Dr. Pramod Kumar Naik, S Usha Mani. Impact of organizational		
	climate on academic, professional and social dimensions of teacher effectiveness of secondary schools: A study. International Journal of		
	Multidisciplinary Education and Research, Volume 3, Issue 3, 2018,		۵
	Pages 52-56		Ap
12	Sequential explanatory analysis on teachers quality examined from	Education	Indones
	principal's supervision, work-discipline and pedagogical competence		>
	Sumirah, Suwarto Hadhienata, Widodo Sunaryo		(
	Abstract   Download   Pages: 57-59		h
	How to cite this article:		
	Sumirah, Suwarto Hadhienata, Widodo Sunaryo. <b>Sequential</b>		
	explanatory analysis on teachers quality examined from principal's		
	supervision, work-discipline and pedagogical competence. International Journal of Multidisciplinary Education and Research,		
	Volume 3, Issue 3, 2018, Pages 57-59		
13	Sequential explanatory analysis on teachers' commitment	Education	Indonesia
	investigated from organizational culture, transformational	Eddodiion	machesia
	leadership, and job satisfaction		
	Yasnimar Ilyas, Suwarto Hadhienata, Rita Retnowati		
	Abstract   Download   Pages: 60-62		
	How to cite this article:		
	Yasnimar Ilyas, Suwarto Hadhienata, Rita Retnowati. Sequential		
	explanatory analysis on teachers' commitment investigated from		
	organizational culture, transformational leadership, and job		
	satisfaction. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 60-62		
			I
14	·	Education	Indonesia
14	Sequential explanatory study on relationship between the situational leadership, organizational climate, and personality to job	Education	Indonesia

Agus Indro Winarto, Didik Notosudjono, Widodo Sunaryo		
Abstract   Download   Pages: 63-65		
How to cite this article:		
Agus Indro Winarto, Didik Notosudjono, Widodo Sunaryo. Sequential explanatory study on relationship between the situational leadership, organizational climate, and personality to job satisfaction on private high school teachers in Banten province, Indonesia. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 63-65		
Sequential explanatory analysis on teachers' creativity observed from organizational culture, visionary leadership, and personality	Education	Indonesia
Dedeh Sumarni, Suparno Eko Widodo, Rita Retnowati		
Abstract   Download   Pages: 66-70		
How to cite this article:  Dedeh Sumarni, Suparno Eko Widodo, Rita Retnowati. Sequential explanatory analysis on teachers' creativity observed from organizational culture, visionary leadership, and personality.  International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 66-70		
16 Critical discussion of victim, attackers and protectors for an e-banking organization in Bangladesh: Bangladesh Bank (BB)	Commerce	United Kingdo
Md. Abdul Baten		ats
Abstract   Download   Pages: 71-77		W. ₽
How to cite this article:  Md. Abdul Baten. Critical discussion of victim, attackers and protectors for an e-banking organization in Bangladesh: Bangladesh Bank (BB). International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 71-77		<u>C</u>
17 Relevance of environmental adult education to the lives of rural communities in Nigeria	Education	Nigeria
Johnson Nnadi Ewelum, Anthony Ahuruezenma Apiti, Alexander Uzochukwu Ogbunugwor		
Abstract   Download   Pages: 78-83		
How to cite this article:		
Johnson Nnadi Ewelum, Anthony Ahuruezenma Apiti, Alexander Uzochukwu Ogbunugwor. Relevance of environmental adult education to the lives of rural communities in Nigeria. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 78-83		
18 Sequential explanatory analysis on Lectures' work quality	Economics	Indonesia
investigated from organizational citizenship behavior, innovativeness, and training effectiveness		
innovativeness, and training effectiveness		
innovativeness, and training effectiveness  Maulana, Suwarto Hadhienata, Widodo Sunaryo		

	explanatory analysis on Lectures' work quality investigated from organizational citizenship behavior, innovativeness, and training effectiveness. International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 84-87		
19	Sequential explanatory analysis on teachers' performance examined from organizational culture, visionary leadership, and motivation  Ruslaini, Suparno Eko Widodo, Rita Retnowati  Abstract   Download   Pages: 88-91  How to cite this article:  Ruslaini, Suparno Eko Widodo, Rita Retnowati. Sequential explanatory analysis on teachers' performance examined from organizational culture, visionary leadership, and motivation.  International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 88-91	Economics	Indonesia
20	Sequential explanatory analysis on program chairman's performance scrutinized in terms of transformational leadership, interpersonal communication, and working climate	Economics	Indonesia
	Isomudin, Billy Tunas, Rita Retnowati  Abstract   Download   Pages: 92-95		
	How to cite this article: Isomudin, Billy Tunas, Rita Retnowati. Sequential explanatory analysis on program chairman's performance scrutinized in terms of transformational leadership, interpersonal communication, and working climate. International Journal of Multidisciplinary Education		WhatsApp Enquiry
	and Research, Volume 3, Issue 3, 2018, Pages 92-95		
21	and Research, Volume 3, Issue 3, 2018, Pages 92-95  Facilities revitalization of mentoring and counseling services at	Education	Indonesia
21	and Research, Volume 3, Issue 3, 2018, Pages 92-95	Education	Indonesia
22	and Research, Volume 3, Issue 3, 2018, Pages 92-95  Facilities revitalization of mentoring and counseling services at secondary school level  Moch Fatchurahman, Asep Solikin  Abstract   Download   Pages: 96-99  How to cite this article:  Moch Fatchurahman, Asep Solikin. Facilities revitalization of mentoring and counseling services at secondary school level.  International Journal of Multidisciplinary Education and Research,	Education	Indonesia

23	Role of information and Communication Technology (ICT) in higher education: A study  Dr. G Suresh Babu, Dr. K Sridevi MA  Abstract   Download   Pages: 103-109  How to cite this article:  Dr. G Suresh Babu, Dr. K Sridevi MA. Role of information and Communication Technology (ICT) in higher education: A study.  International Journal of Multidisciplinary Education and Research, Volume 3, Issue 3, 2018, Pages 103-109	Communication Technology	India
	Journal		
	List		
SEARC	H		0
INDEXI	ng RJI <b>G</b> ACTOR		Q
	INTERNATIONAL STANDARD SERIAL NUMBER		WhatsApp Enquiry
	CiteFactor Academic Scientific fournals		$\odot$
	Crossref		
	Google		
	INDEX COPERNICUS		
	ROAD SHICKSON		
	CiteSeer* <sub>B</sub>		

International Journal of Multidisciplinary Education and Research

ISSN: 2455-4588

Impact Factor: RJIF 5.12 www.educationjournal.in

Volume 3; Issue 3; May 2018; Page No. 96-99



#### Facilities revitalization of mentoring and counseling services at secondary school level

#### Moch Fatchurahman, Asep Solikin

Guidance and Counseling, Muhammadiyah University of Palangkaraya, Kalimantan Tengah, Indonesia

#### Abstract

This study aims to examine how the quality and quantity of counseling services and counseling facilities and activities. The purpose of this study is to determine the role of guidance, counseling and offer the revitalization of the part of independent advice and guidance counseling facilities. This research was conducted at Secondary School Level in Palangka Raya, Central Kalimantan. This research uses the qualitative approach. Data were obtained using personal observation, documentation, and interviews. The result of the research analysis shows that the role and function of guidance and counseling has not entirely become the requirement of student, because, facilities guidance and counseling services, is still not adequate and felt its presence by the students, thus causing the function and role of counseling and guidance services have not been maximized. This is due to budget constraints and unclear funders. Therefore this study offers the concept of revitalizing an independent advice and guidance counseling facility which able to provide understanding, prevention and development, adjustment, and problem-solving faced by students.

Keywords: revitalization, facilities, guidance, and counseling

#### 1. Introduction

Education is an effort which done in a planned and continue to create a better learning atmosphere, so the learners not only can actively develop their potential that they have but also be able to control their spiritual power and themselves, have great personality and morality and have skills. Students as subjects and primary objects of the whole system and educational process are expected to develop optimally. But in fact, every student cannot be separated from their personal problems that can directly inhibit their development. Therefore, special activities like guidance and counseling programs are directed, integrated, and a system is needed.

In Permendiknas Number 23 of 2006 on Graduate Competency Standards, student competencies that must be developed through guidance and counseling services are self-actuality competence and capacity development. To achieve that goal must be supported by various factors as proposed by Koestroer Partowisasto (Kosasih and Soejipto, 2009) [8], namely: (a) School is the second living environment after the house, (b) Students who are relatively young relatives are in dire need of guidance. Besides Lundquist and Chamel (Belkin, 1981) [2] stated that the presence of counselors could ease the teacher's duty. Counselors and teachers are a critical team in educational activities. Both of them can support each other to create the learning process more efficient.

According to Nurihsan, 2014, school as the central place in the process of establishing student independence, must have excellent facilities. Room facilities should be made in such a way that the counselees or counselors who visit the room feel comfortable. Based on observations and interviews with counselors in various schools, both public and private especially in Palangkaraya City and in general in Central Kalimantan is not sufficient, even some do not meet the requirements as the standards set by the Guidance Association

and Indonesian Counseling (ABKIN) as well as standards from BNSP (2006).

The ways that can be done is to revitalize the facilities of guidance and counseling services, namely by creating facilities in the form of service room according to standard specified, to provide independent guidance and counseling services. To achieve student independence, the counselor no longer put forward the curative function, but rather emphasize the role of preventive and self-development. Various types of services provided not only help students in solving problems but also be able to develop students' self-potential. According to an issue above, this research is conducted to know and understand the role of guidance and counseling service at SLTA in Kota Palangka Raya and also to offer revitalization role of guidance counseling and counseling service facility.

#### 2. Materials and Methods

The type of research used is qualitative research with a detailed approach. According to Abercrombie, Hill, Turner mentioned qualitative research is a study with the aim to understand things that do not require quantification or not possible to be measured precisely or quantitatively (Moleong, 2009) [9]. Descriptive research is one type of research whose purpose is for exploration and clarification of phenomenon or social reality, by describing many variables that concerning the problem and the unit under study between the events tested.

The focus of this research is: (1) the role of counseling and guidance services (2) the efforts undertaken in the implementation of the revitalization of independent guidance and counseling facilities. Schools that are used as research sites are SMA Negeri 1, SMA Negeri 2, SMA Negeri 3, SMK Negeri 1 and MAN Palangaka Raya in Palangka Raya City. These schools are favorite school and are located in the capital

of Central Kalimantan Province. Source of data obtained from primary and secondary data. Data collection is done through interview, observation, documentation and literature study. Research instruments include researchers themselves, supporting tools such as notes and stationery and interview guides. The data analysis uses an interactive model, consisting of four activities, such a data collection, data condensation, data presentation, and conclusion (Saldana, 2014) [10].

#### 3. Results and Discussion

### 3.1 The Role of Guidance and Counseling Services at Secondary School in Palangka Raya City

Based on the data obtained through interviews and observations in this study, it is concluded that the role of guidance and counseling services in several high schools is considered essential and strategic to assist the optimal development of counselees, but in the implementation of guidance and counseling services is not yet optimal. This is seen from the service activities provided in some schools, categorized quite well. This is evidenced by the implementation activities of various types of services offered, such as information services, orientation services, placement and distribution services, individual counseling services, group counseling services, learning services, mediation services and consulting services. This useful service is due to the students who come to the guidance and counseling room not on their consciousness but always called.

Based on interviews with some students saying that "Yes, indeed we are often called" because most of them are still reluctant to come to consult, because they feel embarrassed, uncomfortable, even feared by others when they ask. Another cause is the room for guidance and counseling that is open, and the place is also used as a warehouse so that others listen to their conversation. Besides, there are still less friendly counselors. The interviews with several teachers stated that the presence of guidance and counseling in schools is essential, because it is beneficial in overcoming the problems of students, for example in coping with broken students, helping motivate students to learn, education problems, personal problems, and their work problems.

Interview results also show how vital the role of guidance and counseling in schools, especially for students. Fatchurahman (2017) <sup>[4, 5]</sup> pointed out that the benefits of guidance and counseling services at the State Senior High School of Palangkaraya are categorized as good, if: (a) knowing the school's BK program, (b) knowing its capabilities and weaknesses. (c) understand the level of education and educational prospects being pursued. (d) may increase academic achievement. (e) be able to plan the future well in school, and the world of work which appropriates with students interests and abilities, and last (f) be able to adapt to the social environment.

## 3.2 Overview of counseling and guidance facilities at Palangka Raya State Senior High School

Based on the observation result, the facility for guidance and counseling services at SMA in Palangka Raya City is generally inadequate, although most of the facilities and infrastructure are available, the support owned by its condition has not met the standard. In SMA Negeri 1 Palangka Raya:

Infrastructure of counseling room area is 4 x 8 m<sup>2</sup>. This is the only one room and open space without any limits. This space has functioned as a consultation/counseling room, counselor workspace, reception room, warehouse room and documentation room. In the guidance and counseling room there are facilities in the form of cabinets three pieces to store data, 1 Place a guest chair, 2 computers, 1 AC, 1 TV, 1 mirror decorative, 1 fan, 7 tables and work chairs counselor, 2 pieces of garbage box and 9 pieces of frames living room. Each of these rooms is delimited and closed. To support the activities of guidance and counseling services such as the desk of the teacher half a bureau 1 fruit, 8 teacher teachers, 1 plastic guest chair, 2 teacher data boards, 1 bookcase, 1 computer PC, 2 computers complete, 1 AC, 1 TV, 1 mirror decorative, 1 pieces dispences, 1 fan, and 5 desks and cabinets 5 data storage cabinets.

In SMA Negeri 3 Palangka Raya: (1) Infrastructure of guidance room and counseling area =  $3 \times 8 \text{ m}^2$ . This room is open, and there is no barrier, this room serves as a consultation/counseling room, administrative / work room counselor, and space guest (single size  $3 \times 3 \text{ m}^2$ ). (2) The facilities, as supporting the guidance and counseling services, are 5 workshops, seven working chairs, guest chairs 1 set, teacher data board 1 piece, 1 TV, 1 mirror decorative, 1 pieces dispenses, 1 fruit fan, and 2 cup cabinets for storing data.

At SMK Negeri 1 Palangka Raya: (1) Infrastructure of guidance room and counseling area = 5 x 8 m2, this room is open and no barrier, this room serves as a consultation/counseling room, administration/work room counselor, and living room. (2) The supporting facilities for guidance and counseling services are 6 workshops, 6 work chairs, guest chairs 1 set, 3 data boards (organizational structure, case handling mechanism, teacher data), 1 TV, 1 decorative mirror, 1 piece of dispenses, 1 fan, and 3 cup cabinets.

In Madrasah Aliyah Negeri (MAN) Kota Palangka Raya: (1) Infrastructure of guidance room and counseling area = 8 x 8 m<sup>2</sup>. This room is open, and there is no barrier, this room serves as a consultation/counseling room, administration / work room counselor, and living room (2) Facilities, as a supporter of guidance and counseling services, in the form of: 4 pieces of work desk, 3 pieces of auxiliary table, work chair 8 pieces, guest chairs 1 set, 4 pieces of data board, 1 TV, 1 fruit decorative mirror, 1 dispencer, 1 fan, 3 cup cabinets, and 1 box of First Aid.

The existence of the guidance and counseling rooms in each school are different; there are in the middle of the school office, and there is a school corner.

#### 3.3 The Role Concept of Ideal Counseling Services

Counseling services are an integral part of education in Indonesia. As a professional service, counseling services cannot be conducted indiscriminately but must depart from a solid foundation, and based on substantial research to provide significant benefits to live, especially for the recipients. This is explained by Prayitno (1999) [6] and Elucidation of Government Regulation Number 29 of 1990 which states that the existence of guidance and counseling services play a role too: (1) Guidance is an aid given to students in order to attempt: (a) recognize the advantages and disadvantages that

exist in itself, (b) identifying the environment so as to adapt to the existing social, economic, cultural, and natural environment, and (c) planning future career.

Counseling and guidance services at the school have been accepted and become a job that has significant scope in supporting the success of education. This is due to the source of the problems of children and young people mostly outside the school. Besides, the problems experienced by humans are not only available in schools, but guidance and counseling services also need to reach the broader areas outside the school. Surya and Natawijaya (1997) stated that guidance and counseling activities in schools could be grouped into (a) types of data collection services, (b) information sharing, (c) placement, (d) counseling, (e) hand transfer, f) assessment and follow-up. Various functions of the service should be done well following the problems faced by students

### 3.4 Revitalization of Guiding Services and Counseling Facilities

Based on the results of the research, the existence of counseling and guidance services facilities at high schools in Palangkaraya city needs to be improved by revitalization or improvement in whole or in part according to the standard that determined by ABKIN to support the growth of the quality of education service for the students themselves. The process of actual counseling services cannot be separated from the availability of facilities and adequate infrastructure in all its implementation. The guidance and counseling room is one of the essential foundations that influence the success of guidance and counseling services in School or Madrasah. Taking into the principle of counseling, the provision of guidance and counseling space needs to consider the location, size, type and number of rooms, as well as various other supporting facilities.

The location of guidance and counseling room in a school or madrasah should be easily accessible by counselee but not too open. Thus the entire counselee can easily visit the guidance room, but the principles of confidentiality are maintained to maintain client confidentiality.

Guidance and counseling rooms should be appropriate to the type of service and the number of places. Counselor workspace is prepared separately and inter-room, not transparent and soundproof. Kind of room required among others; (1) workroom as well as individual counseling room, (2) living room, (3) group guidance and counseling room, (4) data room, (5) library counseling room (6) lounge room relaxation and (7) other room with the development of guidance and counseling profession.

Counseling workspace is prepared in order to support productivity of counselor performance, hence required facility of: computer, counselor desk, and cupboard. Besides, the administrative room needs to be equipped with facilities such as: document storage cabinet (personal book, counseling note, etc.) or soft copy. In this case must ensure the security of stored data. Individual counseling room is a comfortable and safe place for interaction between counselor and counselee. This room is equipped with a set of desk chairs, a place to store magazines, which can serve as bibliotherapy. Group counseling room is a comfortable and safe place for group dynamics. This room is equipped with equipment such as: a

number of chairs, carpets, tape recorders, VCD and television. The bibliotherapy room in principle can be a place for counselees to receive information, whether related to personal information, social, academic, and career in the future. The room is equipped with the following equipment: a list of books / references (catalogs), bookshelves, reading room, student list book

Ideally, the description of the spatial planning of school guidance and counseling services (MoNE, 2007) can be seen as follows:

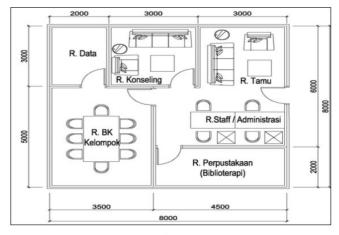


Fig 1

The room should make the visiting counsel feel comfortable so as to make other guidance and counseling activities in accordance with the principles and code of ethics. Especially for individual counseling rooms should be a room that gives a sense of security, comfort and guarantee the confidentiality of the counselee. In addition to the office, other facilities needed for the provision of guidance and counseling (Depdiknas, 2007) [3] include

- Document of guidance and counseling program (annual program book, semester program book, casebook, and dairy)
- Instrument of data collecting and completeness of administration such as:
  - a. Data collection tools include individual tests such as intelligence tests, own aptitude tests, school aptitude tests, personality tests, interest tests, and achievement tests
  - b. Non-test techniques of data collector are: counsel able biography, interview guides, observation guidelines (such as observation guidelines in learning activities, observation guidance in individual guidance and group counseling), anecdotal notes, checklists, assessment scales, questionnaires old), biography and autobiography, sociometry, AUM, ITP, service unit formats, letter formats (calls, referrals), service delivery formats, and evaluation formats.
  - c. Data storage devices, especially in the form of datasets. The data storage device can be in the form of cards, personal books, folders and files in the computer. The type of this card is made in such a way with specific sizes and colors, so it is easy to be stored in the filing cabinet. To store various information, information or

- data for each counselee, it is necessary to provide a personal folder.
- d. Completed technical support, such as information data, guidance packages, administrative equipment guidance aids, such as stationery, letter blanks, consultation cards, case cards, case conference summaries, and mailing agenda, guidebooks, information books on advanced study, guidance module, interview book, service activity report, counselee attendance data, book of realization of Guidance and Counseling activities, personal skills development information materials, social, study and career, and life skill development information book, electronic device (such as computer, tape recorder, film, and interactive CD, learning CD, OHP, LCD, TV); filing cabinets and guidance counseling boards.

Within the latest guidance and counseling framework, School counselors need to be skilled at using computer equipment, communication devices, and software to help gather data and process data quickly and interactively. Lots of software that can be used by counselors to provide the best service to the counselee. Also, by using computer software, counselors can provide guidance and counseling services more efficiently with a broader range of services.

One of the instruments that can be used to measure the rate of development of learners is the ITP (Development Task Inventory) developed by Sunaryo *et al.*, 2000 <sup>[7]</sup>. With ITP tools, Counseling and Counseling Teachers (Counselors) can understand the level of individual and group development, identify problems that inhibit student growth and help some students in completing their developmental tasks. Based on the results of this measurement, can be prepared guidance programs that enable the students can grow following the ability they have. Various films and interactive CDs as supporting materials for personal, social, learning and career development should also be available, so counselors not only get information through books or information board (Depdiknas, 2017) <sup>[3]</sup>.

#### 4. Conclusions

- The successful process of guidance and counseling is determined by the existence of the facility. Elements of guidance and counseling services, including; personal and social guidance services, tutoring services and career guidance services.
- Revitalization of the ideal counseling and guidance services needs to be done in order to realize the fulfillment of 7 (seven) central facility like; (1) workspace, (2), administration room/data, (3) individual counseling room, (4) group guidance and counseling room, (5) bibliotherapy room, (6) relaxation/desensitization room, and (7) guest.
- Another facility that necessary needed to improved counseling programs are the document of Guidance and Counseling program (annual program book, semester program book, casebook, and dairy) and instrument of data collecting and completeness of administration.

#### 5. References

1. National Ministry of Standars Education. Kurikulum

- Tingkat Satuan Pendidikan. Jakarta:Dirjen. Dikdasmen, 2016.
- Belkin Gary S. Practical Counseling in The Schools. Dubuque: Wm. C. Browm Company Publishers, 1981.
- Depdiknas RI. Panduan konseling pada Edukasi Formal. Jakarta: Ditjen PMPTK, 2007.
- Fatchurahman M. Problematic Implementation of Individual Counseling. Journal of Guidance and Counseling Ar-Rahman. 2017; 3(2).
- Fatchurahman M. Bulkani, Supardi. The Implementation Of Guidance And Counselling In SMA (Senior High) Government School In Palangkaraya. Jurnal Konseling Gusjigang. 2017; 3(1).
- Prayitno. 1999. Penataan Pendidikan Profesional Konselor dan Layanan Bimbingan Konseling dalam Jalur Pendidikan Formal. Jurnal Bimbingan Konseling Vol 5. No 3
- Sunaryo,et al. Petunjuk Teknis ITP Mahasiswa Bandung.PPB UPI, 2000.
- 8. Kosasih, RaflisM, Soejipto. Profesi Keguruan. Jakarta: Rineka Cipta, 2009.
- Moleong Lexy J. Qualitative Research Methodology Revised Edition. Bandung: Remaja Rosdakarya,
- Milles, Hubberman dan Saldana. Qualitative Data Analysis: A Methods Sourcebook, SAGE Publications, Inc. 2014.
- Nurihsan, Ahmad Juntika. Strategi Layanan Bimbingan dan konseling Bandung. Refika Aditama, 2005.