



Ramakrishna Mission Vivekananda Centenary College

Rahara, Kolkata

RKMVCC News Letter

ISSUE: 1

July-December 2018





A Seat of Learning: at a glance

Ramakrishna Mission Vivekananda Centenary College was established on 1963 as a unit of Ramakrishna Mission Boys' Home, Rahara with a view to commemorate the First Birth Centenary of Swami Vivekananda, the Illustrious Patriot-Saint of India and with a view to imparting a general education in the light of the universal teachings of Ramakrishna - Vivekananda so that the young pupils may get ample opportunities to build up their character, to make themselves useful to their families and to fulfill at the same time their basic obligation to the country. The college was established and is being maintained and administered by the Ramakrishna Mission.

The college was graded with Grade A by NAAC in 2014. The UGC conferred it the College with Potential for Excellence (CPE) status and in 2017 the status of an Autonomous College. The college houses Swami Vivekananda Research Centre for Multidisciplinary Research in Basic Sciences & Social Sciences for research.



Our Inspirations



That knowledge which purifies the mind and heart alone is true Knowledge, all else is only a negation of Knowledge.

Sri Ramakrishna Dev

To make mistakes is man's very nature; but few of those who criticize know how to correct them.

Sri Ma Sarada Devi



You are the greatest book that ever was or ever will be, the infinite depository of all that is. Until the inner teacher opens, all outside teaching is in vain.

Swami Vivekananda



From the Principal's Desk



Swami Kamalasthananda

Principal

Ramakrishna Mission

Vivekananda Centenary College,

Rahara, Kolkata

The Ramakrishna Mission Vivekananda Centenary College, Rahara tries to provide education which will make man efficient in gaining both inner and outer establishment. In continuation with this attempt we are glad to bring out the first issue of the RKMVCC News Letter containing the highlights of the various efforts put forth by the College and the support and admiration from various corners of the society which has been enriching it. This is not just for self-proclamation but to constantly remind us of the long journey which lies before us. The News Letter is therefore just to halt and look behind, to count the steps we have covered over time and to speed forth forward. In this first issue we have a rainbow of events starting from a new annexe building for the College, new UG and PG Departments to our alumnus receiving the prestigious Shantiswarup Bhatnagar Award. We believe our journey to be everyone's journey so we feel elated to share it with one and all.

College Dynamics



- **Academics**
- **Inauguration of Annexe Building**
- **Freshers' Welcome 2018**
- **Convocation 2018**
- **Teachers' Day Celebration**
- **NSS Activities**
- **Seminars & Workshops**
- **Students' Achievements**
- **Alumnus receives Shantiswarup Bhatnagar Award 2018**
- **Teachers' Achievements**
- **Outreach Activity**
- **New Canteen**

Academics

- 
- *2 new UG courses*
 - *1 new PG course*
 - *9 New Certificate Courses*
 - *Mini-MTTS Workshop*

New UG and PG Departments

Two new UG programmes namely B.Sc. in Microbiology and Computer Science and one new PG programme M.Sc. in Mathematics was introduced from this academic session



New Certificate Courses

Nine (9) Certificate Courses were introduced for the First Semester UG students from July 2018

1.	FLORICULTURE AND LANDSCAPING
2.	SPORTS MEDICINE AND TALENT IDENTIFICATION
3.	WATER MANAGEMENT
4.	ENVIRONMENTAL PROTECTION / MANAGEMENT
5.	FIELD STUDY AND ENVIRONMENT EDUCATION
6.	YOGA FOR PHYSICAL AND MENTAL HEALTH
7.	MUSHROOM CULTIVATION AND MANAGEMENT
8.	WEB DESIGNING FOR BEGINNERS
9.	COMMUNICATIVE ENGLISH& LANGUAGE PRACTICE

Mathematics Training and Talent Search (MTTS) Workshop



“Mini-MTTS Kolkata 2018” of NBHM, Hyderabad a training program in Mathematics was held in our College. The duration of this camp was from 24th December, 2018 to 29th December, 2018.

Total 265 applications were received by us from different corners of the country. Among them, 50 second year/ 4th semester mathematics honours undergraduate participants were selected who successfully completed the training program.

- **Mini-MTTS Workshop in Mathematics**
- Students from Assam, Bihar, Jharkhand, Odisha, Tripura, Uttar Pradesh and West Bengal participated in the workshop. Students from West Bengal were mainly from Bankura, Birbhum, Hooghly, Howrah, Kolkata, Murshidabad, Nadia, Purulia, North and South 24 Parganas.
- This was an “O” level program. So basically some topics in Foundation courses, Number Theory, Linear Algebra and Real Analysis were covered during the

training. Foundation courses were given by Prof. Bhaba K. Sarma, IIT Guwahati. Dr. Joydeep Sengupta of Aliah University taught Number theory courses. Linear Algebra courses were taken by Dr. Gayatri Panicker, Post-Doc Fellow, IIT Kanpur, and Dr. Debopam Chakraborty of Tezpur University took the real Analysis courses.

Special Inaugural Programmes 14th September, 2018





Inauguration of Annexe Building

by Dr. Partha Chatterjee, Hon'ble Minister In Charge,
Department of School Education & Higher Education,
Science and Technology and Biotechnology,
Government of West Bengal

Unveiling Ceremony of 12 feet Bronze Statue of Swami Vivekananda

by **Srimat Swami Suviranandaji Maharaj**,
General Secretary, Ramakrishna Math and
Ramakrishna Mission



SWAMI VIVEKANANDA (1863-1902)
Unveiled by
Swami Suvirananda, General Secretary
Ramakrishna Math & Ramakrishna Mission
On 14th September, 2018

Courtesy of
Sri Raja Ray
Margulis Apartment
23 Ghosh Para Lane
Baranagar, Kolkata - 700034



Inauguration of newly built Sri Ma Sarada Devi Hall (Auditorium)
by **Srimat Swami Divyanandaji Maharaj**, Trustee Member, Ramakrishna Math
and Ramakrishna Mission & Secretary, Ramakrishna Mission Saradapitha

Inauguration of newly built IQAC Office

by Srimat Swami
Vimalatmanandaji
Maharaj, Trustee Member,
Ramakrishna Math and
Ramakrishna Mission &
Adhyaksha,
Ramakrishna Math,
Kankurgachi.



Release of College Report-2018: by **Srimat Swami Suviranandaji Maharaj**,
General Secretary, Ramakrishna Math and Ramakrishna Mission

**Release of Philatelic Cover by the Department of Posts, Govt. of India to
commemorate the Platinum Jubilee of Ramakrishna Mission Boys' Home,
Rahara & 125th anniversary of Swami Vivekananda's Chicago address:** By
Ms. J. Charukeshi, Postmaster General, Kolkata, Department of Posts



Freshers' Welcome

Freshers' Welcome was celebrated in the college on 28th September, 2018 amidst the presence of Shri Samir Ganguly, Ex-IPS and Shri Pallab Mukherjee as Guest-in Chief. The series of cultural events concluded with a marvelous dance drama on Swami Vivekananda's Chicago Speech.



Convocation



The IIIrd Convocation for Post-Graduate Courses was organized by the College on 24th August, 2018 in the presence of **Dr. Surendra Prasad, Former Director, IIT Delhi & Chairperson of NBA** as the Guest-in-Chief and Prof. Basab Chaudhuri, Vice Chancellor, West Bengal State University. There were all total 66 degree recipients who had passed in 2018.

Teachers' Day Celebration

The Teachers' Day was celebrated in the College on 05-09-2018 at 3.00 p.m. Sri Amitava Roy, Director, Variable Energy Cyclotron Centre, Govt. of India graced the occasion as Guest-in-Chief. Dr. Santanu Sen, MBBS, DMRD (Gold Medalist), Indian Medical Association Bengal Secretary, MP, Rajya Sabha was present as Special Guest. A puppet show by Dolls Theatre was held at the end. The proprietor of the Theatre, Sri Sudip Gupta has been awarded Sangeet Natak Academy award 2018, by the Ministry of Culture, Govt. of India. All students and staff members assembled in this programme. In the morning a special Health Check-up was arranged for the staff by the ex-students.



NSS Activities



Annual Blood Donation Camp 2018



As a part of NSS activities, a Blood Donation Camp was organized on 29th August, 2018 (Wednesday) in collaboration with Association of Voluntary Blood Donors, Kolkata, West Bengal. Students, teachers and staff members wholeheartedly participated to make this service activity a success.

Eye Operation Camp



Like every year a Free IOL Cataract Operation Camp was organized by the NSS wing of the college from 22nd - 24th December, 2018. First round of screening and checkup was conducted in the College on 6th December, 2018 and in Disha Eye Hospital, Barrackpore on 9th December, 2018 respectively. All total 41 patients (16 Male patients + 25 Female patients) were operated at Disha Hospital, Barrackpore and taken care of in the College.



Special Rural NSS Camp 2018

A 7-days special NSS camp was organized by the College in a nearby village “Mahadever Aat” between 22-28 December, 2018. The camp focussed on rural development, health, hygiene, creative arts etc. The schedule of the Camp was as follows:

22 nd Dec, 2018	Inaugural Programme
23 rd Dec, 2018	Special Kantha Stitch Training for women by a teacher from Calcutta Handlooms
24 th Dec, 2018	Health Check-up by Doctor, ACMOH, Barasat
25 th Dec, 2018	Talent hunt for children : Mask making workshop
26 th Dec, 2018	Mathematics, Sit-and-Draw and Recitation Competitions for children
27 th Dec, 2018	Yogasana class
28 th Dec, 2018	Go-as-you-like, Prize distribution and Prasad Distribution on the occasion of Janma-tithi of Holy Mother Sri Sarada Devi.

Special Rural NSS Camp 2018



Seminars & Workshops

13th July, 2018

Workshop on Mathematics

Speaker: Dr. Arijit Ganguly, Post Doc Fellow, Tel Aviv University, Israel
(Formerly Doctorate from TIFR, India)

13th July, 2018

Seminar on “Recent Trends in Particle Physics”

Speaker: Dr. Srimoy Bhattacharya, IIT Guwahati

17th July, 2018

Seminar on “Prokaryotes: the Origin of Life”

Speaker: Dr. Alokemoy Basu, ABN Seal College, Coochbehar

The background of the slide is a photograph of a multi-lane highway stretching into the distance under a blue sky with scattered clouds. A semi-transparent dark grey rectangular box is overlaid on the upper portion of the image, containing white text. The highway has white dashed lane markings and a solid white edge line. A small orange traffic barrel is visible on the left shoulder. The surrounding landscape is green with some trees and grass.

17th August, 2018

Seminar on “Safety Drive in journey and Save Life”

Speakers: Sri Arnab Dutta, OC, Dumdum GRP

Sri Ashesh Biswas, IPS, Supdt. Of Rlwy Police, Sealdah GRP

Sri Ananda Roy, IPS, DCP, BKP Zone-N, Barrackpore Commisionerate

Sri Mrityunjoy Bannerjee, IC, Khardah PS.

6th October, 2018

Seminar on “Genetics of Cancer”

Speaker: Dr. Runa Sur, Dept. of Biophysics and Molecular Biology,
Calcutta University



11th August, 2018
Seminar on World Elephant Day
Speaker:
Sri Subrata Palchowdhury,
Forest Dept, WB

22nd September, 2018
Seminar on “Diabetes”
Speaker: Dr. Partha Chakraborty, IICB, Kolkata



Students' Achievements



Alumnus receives Shantiswarup Bhatnagar Award 2018



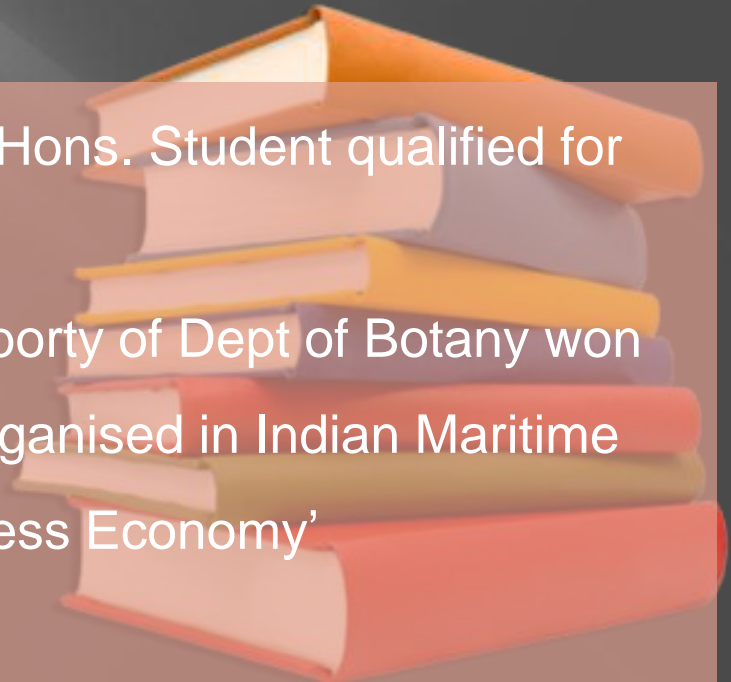
Dr. Rahul Banerjee, IISER Kolkata , an ex-student of our College who had completed his H.S. and B.Sc. in Chemistry Hons. received the prestigious **Shantiswarup Bhatnagar Prize** in 2018. He delivered a talk in the College on 5th October, 2018 on “A tale of two gases”.

NPTEL Results 2018:

Among 35 students who appeared for the NPTEL (National Programme for Technology Enhanced Learning) Online courses:

- ▣ 1 student, **Snehashish Ghosh**, Dept. of Zoology student got **Elite+Gold** certificate status in a course on Wildlife Conservation
- ▣ 17 students got **Elite** certificate status
- ▣ 17 students got **Successfully completed** certificate status

- Ananda Mukherjee, 1st Year Mathematics Hons. Student qualified for the prestigious **JBNSTS scholarship**.
- Debapratim Pattanayak, Tapodhir Chakraborty of Dept of Botany won the **third prize in Debate Competition** organised in Indian Maritime Univ. on the topic 'India is ready for Cashless Economy'

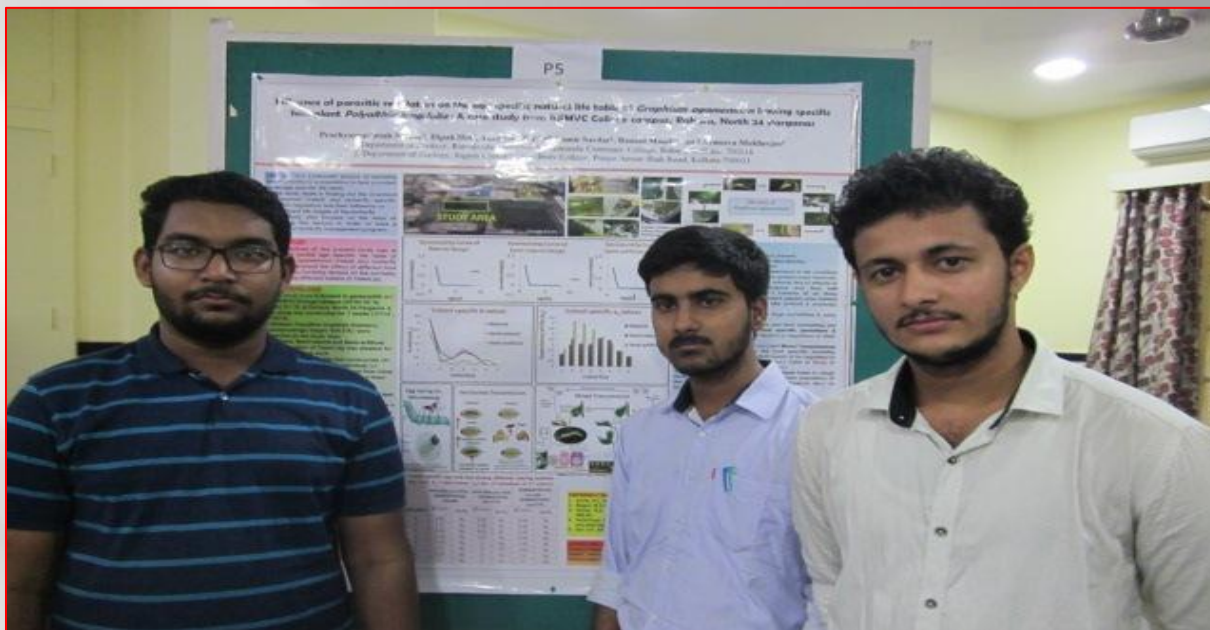




Zoo Festival Awards 2018:

Our students from the **Dept. of Zoology** participated in various events organized by the Zoological Gardens as a part of Zoo Festival and won the following Prizes:

- i) **Akash Chettri** received the **First Prize** in Extempore Competition.
- ii) **Padmanava Dasgupta** received the **Third Prize** in Extempore Competition.
- iii) **Supriyo Chakrabarty, Tanmoy Datta and Shrayan Bhattacharya** received the **Second Prize** in Quiz Competition.



Poster Presentation Award 2018:

Three students from the **Dept. of Zoology, Prachyaprachetah Sarkar, Amarttya Bagchi and Dipak Shil** received the **Third Prize in Poster Presentation** in a Conference 'Frontiers in Biotechnology' organized by St. Xavier's College, Kolkata for their poster entitled 'Influence of parasitic regulators on age-specific Natural Life table of *Graphium agamemnon* having specific host plant *Polyalthia longifoliai* - a case study from RKMVC College Campus, Rahara, North 24 Parganas.

Teachers' Achievements



Dr. Swapan Kumar Ghosh, Dept. of Botany, received the 'Scientist of the Year Award' in an International Seminar on Recent Trends and Experimental Approaches in Science, Technology, Nature and Management organized on 23rd-24th December, 2018 jointly organized by Society for Science and Nature in collaboration with FDDI & Qura Prakashan.



Teachers' Achievements



Dr. Bikash Chakraborty received the Best Paper Award (Rank 02) in the National Conference on Mathematical Analysis and Mathematical Modelling on December 7-8, 2018 organized by Calcutta Mathematical Society dedicated to the memory of Late Prof. Sanjay Sen.



Outreach Activity

Medicinal Plant Biotechnology for unemployed Rural people

Medicinal Plant Biotechnology Lab-to-Land programme, a translational project for rural people of West Bengal, has been initiated from the Plant Biotechnology Group of the Department of Botany our college under the leadership of Dr. Biswajit Ghosh . The purpose of this outreach programme is basically for the welfare of the unemployed rural people. The target is skill development of rural SC, ST & OBC youths by proper awareness and hands-on- training, both in the field and in Plant Biotechnology laboratory in our College for the employment opportunity or self-employment, which improves their socio-economic condition.

At present Dr. Biswajit Ghosh and his team are working in 11 villages covering three districts of West Bengal namely, North 24-Parganas, Murshidabad and Nadia including remote Samsernagar of Sundarbans area of India-Bangladesh border.



APQN Membership



The College has been accepted as Institutional Member of Asia Pacific Quality Network (APQN) from December, 2018



CANTEEN

A new Canteen
for students and
staff members
started to
function in the
College from
July, 2018



Eminent Visitors & Encouragements



Rajneesh Sareen,
Programme Director Sustainable Building & Habitat Programme,
Centre for Science and Environment (CSE)

Under initiative of Green Educational Campus I got an opportunity to visit your campus, such a beautiful balance of behavioural science with applied science being practised on campus is amazing and I am taking lot of working examples with me, will keep visiting in future.

- 4th July, 2018

Srimoy Bhattacharaya, IIT Guwahati

It was a wonderful experience being here. I am honoured by giving a seminar here.

- 13th July, 2018



Smt. J. Charukeshi, Post Master General, Kolkata Region

A very important occasion, the celebration of 125th year of Chicago speech of Swami Vivekananda. Importance is immortalised by the release of special cover.

- 14th September, 2018

Eminent Visitors & Encouragements

Dr. Partha Chatterjee,

Hon'ble Minister In Charge, Department of School Education & Higher Education, Science and Technology and Biotechnology, Government of West Bengal

Ramakrishna Mission, Rahara is unique in spreading education and ideals of Ramakrishna Mission. May the institution advance more towards the betterment of humanity.

- 14th September, 2018



Dr. Rahul Banerjee,

IISER, Kolkata, Recipient of Shantiswarup Bhatnagar Award 2018

It was a wonderful experience coming to Ramakrishna Mission, Rahara after a long time. Today I leave with a wish to come again.

- 5th October, 2018

Dr. Partha Chakraborti, IICB, Kolkata

I am very grateful for giving me the chance to come to Ramakrishna Mission, Rahara.

- 22nd September, 2018

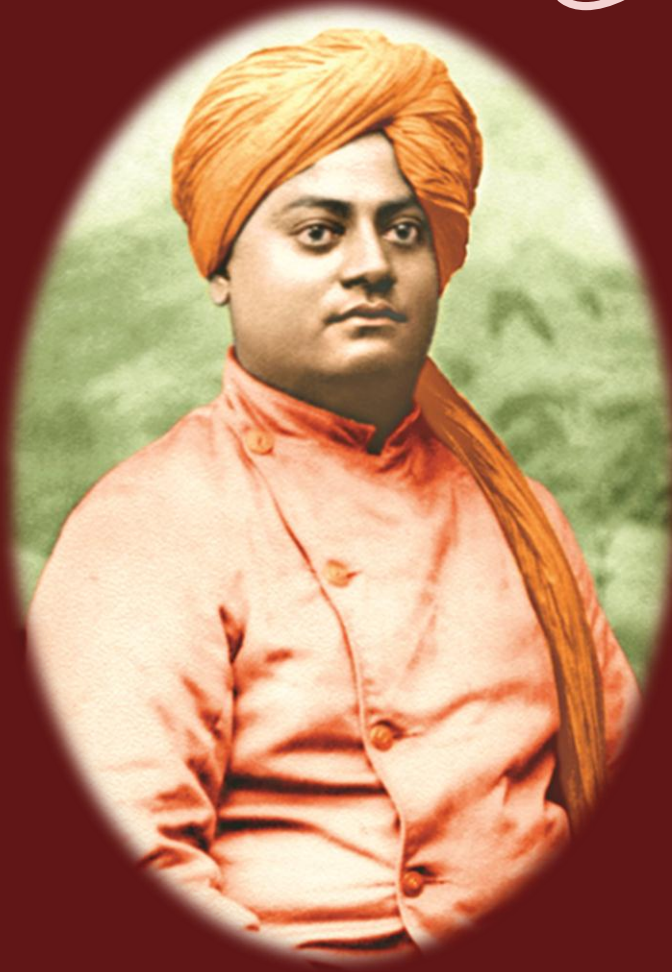


Passages of Light

KARMA IN ITS EFFECT ON CHARACTER

-Excerpts from *Karma Yoga* by Swami Vivekananda

There are certain works which are, as it were, the aggregate, the sum total, of a large number of smaller works. If we stand near the seashore and hear the waves dashing against the shingle, we think it is such a great noise, and yet we know that one wave is really composed of millions and millions of minute waves. Each one of these is making a noise, and yet we do not catch it; it is only when they become the big aggregate that we hear. Similarly, every pulsation of the heart is work. Certain kinds of work we feel and they become tangible to us; they are, at the same time, the aggregate of a number of small works. If you really want to judge of the character of a man, look not at his great performances. Every fool may become a hero at one time or another. Watch a man do his most common actions; those are indeed the things which will tell you the real character of a great man. Great occasions rouse even the lowest of human beings to some kind of greatness, but he alone is the really great man whose character is great always, the same wherever he be. Karma in its effect on character is the most tremendous power than man has to deal with. Man is, as it were, a centre, and is attracting all the powers of the universe towards himself, and in this centre is fusing them all and again sending them off in a big current. Such a centre is the real man--the almighty, the omniscient--and he draws the whole universe towards him. Good and bad, misery and happiness, all are running towards him and clinging round him; and out of them he fashions the mighty stream of tendency called character and throws it outwards. As he has the power of drawing in anything, so has he the power of throwing it out.



All the actions that we see in the world, all the movements in human society, all the works that we have around us, are simply the display of thought, the manifestation of the will of man. Machines or instruments, cities, ships, or men-of-war, all these are simply the manifestation of the will of man; and this will is caused by character, and character is manufactured by Karma. As is Karma, so is the manifestation of the will. The men of mighty will the world has produced have all been tremendous workers-- gigantic souls, with wills powerful enough to overturn worlds, wills they got by persistent work, through ages, and ages. Such a gigantic will as that of a Buddha or a Jesus could not be obtained in one life, for we know who their fathers were. It is not known that their fathers ever spoke a word for the good of mankind. Millions and millions of carpenters like Joseph had gone; millions are still living. Millions and millions of petty kings like Buddha's father had been in the world. If it was only a case of hereditary transmission, how do you account for this petty prince, who was not, perhaps, obeyed by his own servants, producing this son, whom half a world worships? How do you explain the gulf between the carpenter and his son, whom millions of human beings worship as God? It cannot be solved by the theory of heredity. The gigantic will which Buddha and Jesus threw over the world, whence did it come? Whence came this accumulation of power? It must have been there through ages and ages, continually growing bigger and bigger, until it burst on society in a Buddha or a Jesus, even rolling down to the present day.



All this is determined by Karma, work. No one can get anything unless he earns it. This is an eternal law. We may sometimes think it is not so, but in the long run we become convinced of it. A man may struggle all his life for riches; he may cheat thousands, but he finds at last that he did not deserve to become rich, and his life becomes a trouble and a nuisance to him. We may go on accumulating things for our physical enjoyment, but only what we earn is really ours. A fool may buy all the books in the world, and they will be in his library; but he will be able to read only those that he deserves to; and this deserving is produced by Karma. Our Karma determines what we deserve and what we can assimilate. We are responsible for what we are; and whatever we wish ourselves to be, we have the power to make ourselves. If what we are now has been the result of our own past actions, it certainly follows that whatever we wish to be in future can be produced by our present actions; so we have to know how to act. You will say, "What is the use of learning how to work? Everyone works in some way or other in this world." But there is such a thing as frittering away our energies. With regard to Karma-Yoga, the Gita says that it is doing work with cleverness and as a science; by knowing how to work, one can obtain the greatest results. You must remember that all work is simply to bring out the power of the mind which is already there, to wake up the soul. The power is inside every man, so is knowing; the different works are like blows to bring them out, to cause these giants to wake up.