

**Annual Work Report
Community Process
(April 2019- March 2020)**

Outcome oriented and disease specific actions through Mitanin

Malaria Mukht Bastar – A Special Campaign on Malaria by NHM: This campaign was implemented by NHM in 16 of the blocks worst affected by malaria in the state. It was carried out in January-February 2020. Mitanins and MTs were actively involved in mass screening and treatment of positive cases including drug follow-up. Role of SHRC was in contributing to framing guidelines and field level monitoring.

SHRC in collaboration with Unicef has carried out an evaluation of coverage. It was found to be 91% for population covered in testing and 95% of the malaria cases identified completed their three day anti-malarial treatment course.

Mitanins' routine work on Malaria:

Role in Treatment: Mitanins trained and equipped to diagnose and treat malaria at community level.

- Mitanins tested around 18.47 lakh fever cases and 1.29 lakh malaria cases were detected in 2019-20. In comparison to previous year, Mitanins have tested 2.14 lakh more whereas malaria positivity rate has dropped down from 13% to 7%.
- Mitanins treated 82091 PF cases with ACT and the rest with Chloroquine
- Mitanins referred 12501 cases of malaria to health facilities, out of which 3028 were severe cases.
- Children in Government tribal hostels were identified as a vulnerable category requiring special attention. So, Mitanin Trainers covered children of almost all government tribal hostels through fortnightly visits. During 2019-20, they tested 42379 hostel children having fever with RD tests and found 4024 Malaria positive cases. They treated 2820 PF cases with ACT and referred 356 cases to health facilities, out of which 60 were severe cases.
- Social mobilization Campaign on Prevention was carried out in June through involvement of Mitanins, PRIs and VHSNCs for prevention of malaria with activities like, awareness through household visit of pregnant women, Wall writings, Rallies,



Street theatre, Larvae control by community volunteers adding oil to stagnant water pits, filling pits, Neem smoke and talks in schools on prevention of malaria.

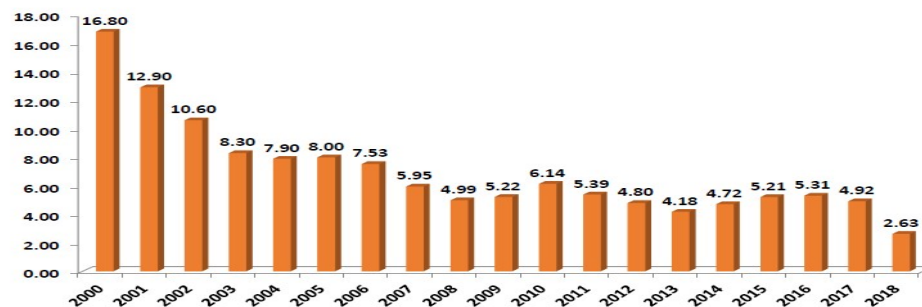
Significant energy of Mitadin programme in tribal blocks has been concentrated on malaria for last five years. Around 70% of the malaria in the state is now detected and treated through Mitadins. The availability of drugs with Mitadins has improved and large numbers of bed nets have been distributed. In 2019, a drop in malaria incidence has been recorded.

The community reported mortality due to fever/malaria in tribal areas has also come down substantially from 2016 onwards.

| Year | Fever-Malaria related deaths | 1-59 years Tribal 88 blocks Total deaths | % of fever/malaria related deaths in 1-59 yrs deaths in 88 blocks |
|------|------------------------------|--|---|
| 2013 | 1293 | 12679 | 10.20% |
| 2014 | 1558 | 15087 | 10.33% |
| 2015 | 1499 | 13695 | 10.95% |
| 2016 | 1100 | 12754 | 8.62% |
| 2017 | 554 | 13272 | 4.17% |
| 2018 | 301 | 13130 | 2.29% |

Source: Community Reported Mortality study report by SHRC

Annual Parasite Incidence January to December 2000 to 2018



Mitadins work on Malaria during last 3 years.

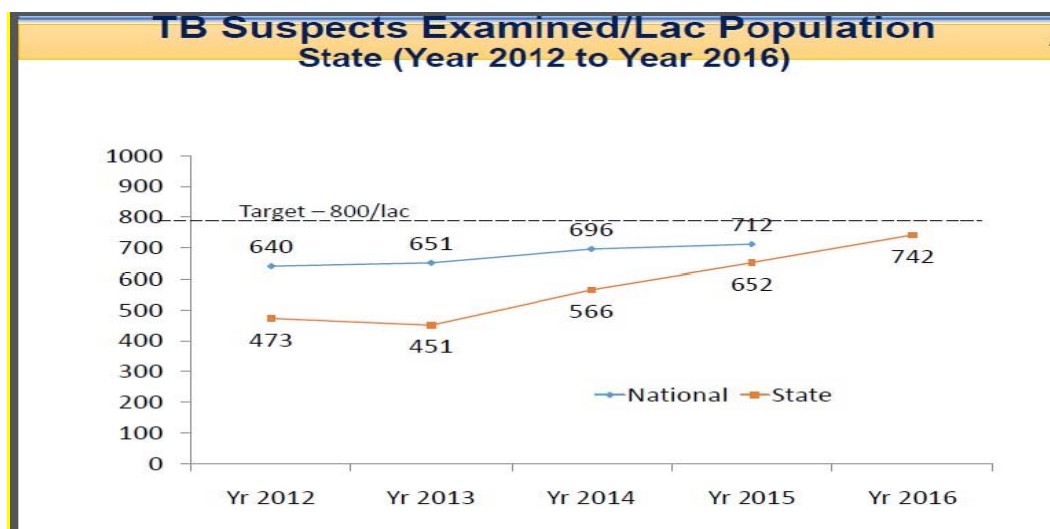
| | |
|----------------------------------|-----------------------------|
| Mitadins' Work on Malaria | Year-wise Comparison |
|----------------------------------|-----------------------------|

| | 2017 | 2018 | 2019 |
|---|---------|---------|---------|
| Total fever cases tested by Mitanins, on which reports could be collected | 1534490 | 1458472 | 1847436 |
| Total malaria cases detected by Mitanins, on which reports could be collected | 271092 | 187208 | 129647 |
| Total Pv Cases | 95735 | 72283 | 42049 |
| Total Pf Cases | 175357 | 114925 | 87598 |
| Positivity rate | 18% | 13% | 7% |

Above trend clearly shows drop in malaria incidence in Chhattisgarh..

Mitanins' work on TB:

- Identification of suspected TB cases and providing them regular follow-up services are regular feature of Mitandin's work. Under this, rural Mitanins referred 95726 presumptive cases and urban Mitandin referred 10804 Presumptive cases for sputum test in 2019-20.



Source: RNTCP Chhattisgarh

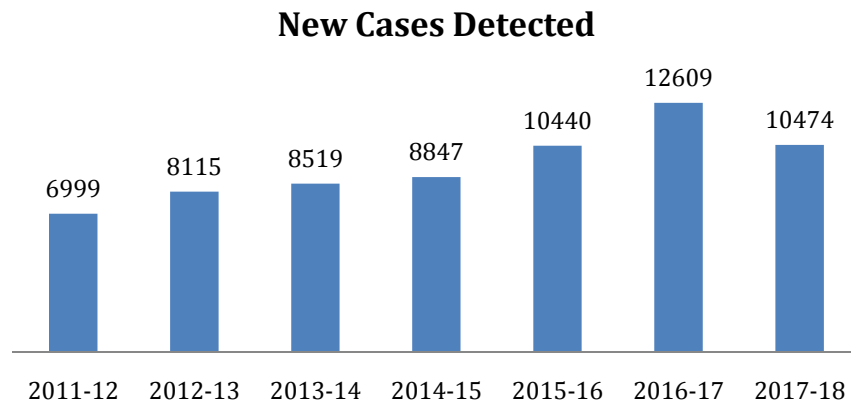
- Mitanins act as DOTS providers for around 85% of the TB cases.

Mitanins' work on Leprosy:

- Identification of suspected Leprosy cases and providing them regular follow-up services are regular feature of Mitandin's work. Under this, rural Mitanins referred

31872 presumptive cases and urban Mitanin referred 5848 Presumptive cases for confirmation in 2019-20.

- Mitanin's refresher training on Leprosy included Prevention on Disability with components of self-care, prevention of ulcers etc.



Data source: NLEP National reports

Mitanins' work on Water-borne diseases:

- 17.06 lakh diarrhea patients given ORS by rural Mitanins and 30051 severe cases were referred to hospitals during 2019-20. Similarly, 1.26 lakh diarrhea patients given ORS by urban Mitanins.
- Raipur city faced an outbreak of Hepatitis E outbreak with around 500 documented cases and several deaths. Mitanins carried out testing of water and door to door campaign for prevention. Urban authorities took up repair work on water pipelines.
- Water testing through use of H₂S kit was done in Urban area by Mitanins and Mahila Arogya Samiti's members (8th round in May 2019). 3436 drinking-water samples were tested from 19 cities. Mahila Arogya Samitis and Mitanins also shared the status of the drinking water with the ward level elected representatives (parshads) and Municipal Corporations to demand clean drinking water. This model of community engagement around drinking water has been more successful in getting the problems resolved and quality improved. Similar approach can be extended to other environmental health issues like air pollution.

- Water testing through using of H2S kits was done in Rural area by Mitanins and Village Health Sanitation and Nutrition Committee's members (5th round in May 2019). About 10% of 16567 samples taken for test were found contaminated. In comparison to previous year result, the contamination rate has come down for 2 point. List of contaminated sources were submitted in the respective departments at Block, District and State level for ensuring safe drinking water.
- During April 2019, Rural Mitanins and VHSNC members had identified 4309 hamlets with inadequate access to safe drinking water. Most of these habitations were dependent on wells, shallow dug wells (*dodhi*), surface water sources like streams. Many of them had bore wells but were non-functional for long periods. List of such hamlets were given to concerned authorities at Block, District and State level for corrective action.

Mitanin work on Maternal Health:

- 18.80 lakh home visits done by Rural Mitanins and 1.59 lakh by Urban Mitanins for counseling pregnant women on rest, diet and ANC check-ups during 2019-20. Fixed day services for ANC are functional in majority of blocks and Mitanins escort a large number of women there.



- 3.86 lakh deliveries of rural women and 30356 of urban women were accompanied by Mitanin for institutional delivery during 2019-20. Mitanins escort more than 85% of rural and 82% of urban institutional deliveries.
- According to NFHS-4, Chhattisgarh has been one of the better performing states on basic indicators. It is the result of Mitanins, AWW and ANMs' joint effort.

| | | |
|-----|---|--|
| ANC | Mothers who had antenatal check-up in the first trimester (%) | Mothers who had at least 4 antenatal care visits (%) |
|-----|---|--|

| | Current Status | % points improvement in one decade | Current Status | % points improvement in one decade |
|--------------|----------------|------------------------------------|----------------|------------------------------------|
| Chhattisgarh | 70.8 | 24.8 | 59.1 | 30.8 |
| India | 58.6 | 14.7 | 51.2 | 14.2 |

Source: NFHS-4 & NFHS-3

| Anemia in women | Pregnant women age 15-49 years who are anemic (<11.0 g/dl) (%) | |
|-----------------|--|------------------------------------|
| | Current Status | % points improvement in one decade |
| Chhattisgarh % | 41.5 | 21.6 |
| India | 50.3 | 7.6 |

Source: NFHS-4 & NFHS-3

Mitanin work on Family Planning:

46770 cases in rural area and 15662 cases in urban area were facilitated by Mitanin for IUCD insertion during 2019-20.

Mitanin work on Newborn Care:

- 5.04 lakh rural newborns (around 92% of total estimated newborns) and 46317 urban newborns (around 86% of total estimated newborns) were visited by Mitanins (designated 7 home visits for HBNC) for counseling of families and identification of illnesses during 2019-20.



- 60676 sick rural newborn identified (around 13% of all newborn), out of which 26058 (42%) cases were treated by Mitanin with Amoxicillin and 32416 severe cases referred by Mitanins to health facilities for treatment. Out of those referred, 21693 (67%) cases were referred after giving 1st dose of Amoxicillin.

Similarly, in urban area 9751 sick newborn identified (around 15% of all newborn), out of which 2301 (24%) cases were treated by Mitanin with Amoxicillin and 6991 severe cases referred by Mitanins to health facilities for treatment. Out of those referred 2432 (35%) cases were referred after giving 1st dose of Amoxicillin.

Immunisation:

Mobilising for immunisation continues to be a key activity for Mitanins. Mitanins and ANMs have worked as a team to improve immunization status. According to NFHS-4, the state has maintained its pace of improvement in immunisation.

| Immunization | Children age 12-23 months fully immunized (%) | |
|----------------|---|---|
| | Current Status (2016) | % points improvement in one decade since 2006 |
| Chhattisgarh % | 76.4 | 27.7 |
| India | 62.0 | 18.5 |

Source: NFHS-4 and NFHS-3

Mitanin work on ARI in Children:

- 105996 Pneumonia cases (under-5 year age) identified by rural Mitanins. Out of which, 78780 (74%) cases treated by Mitanin with Amoxicillin and 25121 cases referred to health facilities for treatment during 2019-20.
- Under urban Mitanin programme, 11062 Pneumonia cases (under-5 year age) identified by Mitanins. Out of which, 4566 (41%) cases treated by Mitanin with Amoxicillin and 5762 cases referred to health facilities for treatment during 2019-20.

Counseling on Child Integrated Health, Nutrition and Care:

67.96 lakh home visits were made by Rural Mitanins and 4.33 lakh by Urban Mitanins for children under 3 years age for counselling on nutrition, prevention,



identification and treatment/referral of infection, psycho-social development in 2019-20. There has been a substantial increase in home visits by Mitanins over last 5 years.

Mitanin Drug Kit Follow up and Monitoring:

SHRC monitored availability of drugs with Mitanins.

| S.N. | Name of Drug | Approved quantity for 2019-20 | Received till March 2020 | % of drugs received |
|-------------|-------------------------------------|--------------------------------------|---------------------------------|----------------------------|
| 1 | Paracetamol Tab 500 mg | 54596100 | 31802000 | 58% |
| 2 | Paracetamol Syrup 60ml | 1679880 | 506738 | 30% |
| 3 | ORS Sachets (Large) | 4199700 | 2661475 | 63% |
| 4 | Chloroquine Tab | 2377075 | 3647100 | 153% |
| 5 | ACT (>15 Years) | 614400 | 343560 | 56% |
| 6 | ACT (9-14 Years) | 115090 | 79991 | 70% |
| 7 | ACT (5-8 Years) | 99756 | 83055 | 83% |
| 8 | ACT (2-4 Years) | 142643 | 80853 | 57% |
| 9 | ACT (0-1 Year) | 72800 | 62630 | 86% |
| 10 | Bivalent R.D.Kits | 684400 | 248412 | 36% |
| 11 | Metronidazole Tablet | 41997000 | 18202100 | 43% |
| 12 | Antacid Tablet | 25198200 | 88700 | 0% |
| 13 | Permethrin Lotion | 839940 | 1115 | 0% |
| 14 | Povidon Iodine ointment | 419970 | 95636 | 23% |
| 15 | Amoxycillin Tab (Dispersible) 125mg | 6299550 | 11900800 | 189% |
| 16 | Zinc tablets | 26231625 | 12157100 | 46% |
| 17 | Gentamycine 0.3% Eye Drop IP | 279980 | 813 | 0% |
| 18 | Bandage 3"x3"m | 419970 | 0 | 0% |
| 19 | Cotton 25 g.m. | 419970 | 0 | 0% |

Source: CGMSC website online reports

Rashtriya Kishor Swasthya Karyakram (Baal Swasthya Sahyogi)-

Adolescent health has been one of the relatively neglected aspects of work in Chhattisgarh. A new addition to the Mitanin programme during



2019-20 was through Rashtriya Kishor Swasthya Karyakram. It was focused on peer educators and adolescent leaders (Baal Swasthya Sahyogi initiative). A total of 101431 students from 19846 schools have been selected as Baal Swasthya Sahyogi. First round training of 83507 Baal Swasthya Sahyogi has been completed. During first round of training, students were taught on the importance of the Baal Swasthya Sahyogi programme, what is good health, how a better society can be formed, adverse effect of tobacco and causes and prevention of road accidents. During training they were encouraged to organize street theatre to bring awareness on tobacco and road accidents. 2364 street theatre shows have been organized by the Baal Swasthya Sahyogi till February.

Follow-up and screening for hypertension (BP measurement by Mitanins):

978 Urban Mitanins have been trained on BP measurement skill with the objective of early identification of Hypertension cases at the community level. An interim evaluation showed that per Mitanin,



18 cases of hypertension were being followed-up. Mitanin looks at a population of around 600 in these areas. In addition, each Mitanin screened around 180 persons (above age 30) over a year and identified and referred around 35 suspected cases. Around 72% of the suspected cases went for a check-up to a doctor and around half of them got confirmed as hypertension cases. This pilot has shown that equipping Mitanins with digital BP instruments can be a useful and feasible strategy for addressing hypertension in urban areas. There is plan of equipping all urban Mitanins for BP measurement.

Strengthening Community Participation

Street Theatre:

Street theatre was promoted Amongst Mitanins, Mitanin Trainers, VHSNCs and MAS. They have been trained to organize street play at village and Mohalla level on relevant issues. Street plays are used in forums like Public-dialogue, including on issues like rights of patients when they seek treatment from public or private hospitals.



During 2019-20, VHSNC conducted street plays on following issues-

- Anti-tobacco- 5088 VHSNCs organized street play to make community aware on harmful effect of tobacco consumption.
- Malaria- 12779 VHSNCs organized street play on prevention and treatment of malaria.
- Diarrhea- 11927 VHSNCs organized street play on prevention of diarrhea.



During 2019-20, MAS conducted street plays on following issues-

- Private Hospital- 1440 MASs organized street play to make people aware on various issues such as RSBY card, unwanted tests and treatment, extra charges.
- Anti-tobacco/Dengue/ Diarrhea/ Violence against women- 770 MASs organized street



play to sensitize community on gender issues and to make community aware on harmful effect of tobacco consumption and prevention measure of Dengue and Diarrhea.

Village Health Sanitation and Nutrition Committee:

About 17500 VHSNCs out of 19180 (94%) VHSNCs are regularly monitoring the village level services. VHSNCs are being guided to take on the spot action on the issues identified through monitoring register and discussions. Report shows, about 15366

VHSNCs had undertaken any on the spot action during 2019-20. Following major campaigns/ activities were undertaken by VHSNCs during 2019-20.

Anti-tobacco community Campaign:

A campaign on sensitizing people on dangers of oral tobacco (Gutka, Gudakhu in particular), including its link with stroke was carried out. The focus was on a) schools b) women. The campaign used various platforms like VHSNC, cluster meetings, street theatre to initiate a dialogue. During this campaign, 17618 VHSNCs had discussion on harmful effect of tobacco, 14994 VHSNCs had done wall writing, 5088 VHSNCs organized street play and 9786 VHSNCs visited schools to discuss with the teachers and school going children. 1319 rural-hamlets have banned selling of tobacco product in their area.



Wall writing for IEC-

Under an innovation activity, a kind of health wall was designed which has three parts, left side part to write the names of VHSNC members, central part of the design is like a black board where time to time health messages and various important information can be written time to time, and in the right side part of the design role and responsibilities of VHSNC have been written. This kind of wall writing has been done in 2249 Gram Panchayats. There is very positive response from the community as well as government officials on this activity. Now VHSNCs of rest Villages have carried-out this activity from untied fund.



Toilet facility for Girls in school- During August-September 2019, VHSNCs carried-out a campaign on ensuring toilet facility for girl students in schools. Under this campaign, 13290 VHSNCs visited schools to monitor toilet facility for students, 1657

schools found with gaps. In consultation with School management and Gram Panchayat, VHSNC resolved issues of 958 schools.

Swasth Panchayat Yojana:

Continuous supportive supervision being provided to strengthen village health planning at Panchayat level. About 17200 Villages are active in making Village health plan and its implementation.

Swasth Panchayat Sammelans and Community Action on Health:

Swasth Panchayat Sammelans successfully organized in 143 out of the 146 Blocks.



PRI members training on health:

About 9300 Panchayat members from 86 blocks have been trained on health, sanitation and drinking water related topic. Around 50% of the training plan remained incomplete as training got postponed because of Covid pandemic.



पंचायत प्रतिनिधियों को स्वच्छता-स्वास्थ्य पर दिया प्रशिक्षण



Swasthya plus Fulwari:

2850 Swasthya plus Fulwari centres have been approved for 23 Districts under TSP. Nine out of the 23 districts received the funds till the process got disturbed due to Covid outbreak. These centres are aimed at improving health outcomes of tribal children in poorest villages through integrated action on health, nutrition and early childhood development.

Mahila Arogaya Samiti (MAS) in urban slums:

Samuday adharit nigrani evum samajik ankeshan karyakram/ Sammelans- 15 sammelans were organized in 13 cities during 2019-20. Issues raised by communities

included drinking water quality in slums, gaps in ICDS and over-charging by private hospitals under the insurance scheme.

Mitanin action on Sickle cell disease - A campaign on identification of sickle cell cases among children was carried out by urban Mitanins in 19 cities. Identification of suspected cases was done by asking about history of blood transfusions. Under this campaign 8287 suspected cases were identified and referred to health facilities for test. 4182 cases visited hospitals for electrophoresis test and 1566 cases were found to be SS, who are presently under treatment.

Dengue - A campaign on prevention of dengue was carried-out during 2019-20. Under this campaign Mitanins and MAS visited 5.98 lakh households to make people sensitize on dengue. Identified 2.05 households with stagnant water out of which 15127 households found with Larvae. Mitanins and MAS organized rallies, wall writing in 5151 spots and identified 57926 fever cases. During this year, a new initiative under Dengue prevention campaign was of putting a check list in the wall of households to remind them of doing certain activities like weekly emptying of items that hold water such as buckets, tires, flowerpots, toys, etc. So, Mitanin and MAS had put checklist in 1.89 lakh households in urban slums and about 1.65 lakh households regularly filled-up for 8 weeks. A study was carried out by inviting experts in urban planning. A report with detailed recommendations was submitted to government. Some of the recommendations were included in the Health department letter on Dengue prevention to district Collectors.

Mitanin Patient Help Desks in Hospitals:

210 existing help desks are functional in hospitals (CHC or above levels).

| S.N. | Type of Institution | No. of Institution | No. of Helpdesk |
|--------------|----------------------------|---------------------------|------------------------|
| 1 | Medical College | 6 | 15 |
| 2 | District Hospital | 24 | 50 |
| 3 | Civil Hospital | 6 | 7 |
| 4 | CHC | 137 | 137 |
| 5 | PHC | 1 | 1 |
| Total | | 174 | 210 |

Training and Capacity Building

Training of Rural Mitanins:

- Annual training of 38791 Mitanins (58%) against target of 66319 Mitanins has been done by the mid of March 2019. Training has been postponed in several blocks due to COVID-19 pandemic.
- Induction training of 1739 Mitanins (37%) against target of 4736 Mitanins has been done by mid of March 2019. Mitanin chosen for induction training are either new Mitanins or Mitanins who are weak in technical knowledge. Training has been postponed in several blocks due to COVID-19 issue.
- Supportive supervision training has been done of District Coordinators, Block Coordinators and Mitanin trainers.

Urban Mitanin Training:

- Under this 9th round training, 3671 Mitanins have been trained during the year. Major topics covered under this training are HBYC, SNCU, Birth defects, Family planning, Dengue, Malaria, Road accident, Air pollution, etc.
- Supportive supervision training has been done of City Coordinators, Area Coordinators and Mitanin trainers.

HWC- NCD training of Mitanins:

- 9434 (69%) out of a target of 13677 Mitanins have been trained on NCD. The remaining training suffered because of gaps in the way funds were allocated.
- 19.45 lakh CBAC forms have been filled-up by Mitanins.

Training of MAS (Mahila Arogya Samiti):

2948 MASs have been trained during this year. Under this 5th round of training, MAS have been sensitized on Dengue, Private hospitals, anti-tobacco and gender issues.

In-house video production:

With technical support of NGO called Digital Green, SHRC has built in-house capacity to produce good quality videos. Mitanin Trainers and Block Coordinators have learnt video-photography and SHRC staff have learnt editing.



- 22 films produced so-far on topics like Diarrhea, Malaria, Pneumonia, Family visits (care during pregnancy, care of newborn, care of 6-9 month and 9 month to 3 year children) IFA for pregnant women, Complementary feeding, Keeping babies warm, Family planning, BP measurement, ill effect tobacco, abortion and Food security.
- 150 portable projectors were received from an NGO in 2018 but 24 of them have become out of order after 1-2 years of use. Further strategies are needed to be worked-put to ensure dissemination of films produced.

Mitanin Incentive payment:

As per State order, Mitans are supposed to be paid 75% top-up from state Government over incentive Amount earns from NHM. This share (around Rs.1100 per Mitanin per month) could not be paid for the period January to March 2020 because the state budget allocation was not released by the finance department. Unless state budget allocations are increased and released, payments to Mitans will suffer.

Mitanin Career Development:

- 1487 Mitans completed ANM training course out of which only 788 Mitans have got job. There is need of Govt. policy to absorb remaining 689 Mitans in Government jobs. A proposal have been submitted to government for recruitment of above Mitans against existing ANM posts under NHM
- 210 Mitans were enrolled in GNM course. So-far 186 of them have completed the course, out of which only 32 have managed to get a job.

Communication Activities:

New issues of Mitanin newsletter were brought out, including in Gondi. Three Issues – 13th edition (September 2019) for rural Mitanins, 6th edition (November 2019) for urban Mitanins and 5th edition (January 2020) for Gondi speaking Mitanins were published in 2019-20.

NIOS Certification:

SHRC has been accredited by NIOS as AVI for ASHA certification in Chhattisgarh. 20 state trainers and 361 ASHAs have been certified so far. Results of 154 ASHAs are awaited and application forms of another 30 ASHAs have been submitted to NIOS for certification.

Mitanin Kalyan Kosh: Existing activities continued. The cumulative number of Mitanins who have been supported for attaining educational qualifications has reached around 26000.

| Main Activities | No. of Mitanins benefited |
|--|----------------------------------|
| Educational Incentive (for class class 8th Rs. 2000, for 10th Rs.5000, for 12 th , graduation, PG Rs. 10000) | 1412 |
| Higher Education (for Mitanin’s children who secured 75% and above in class 10 th Rs. 25000 and for class 12th Rs. 50000) | 2075 |
| Maternity Support (Rs. 15000) | 1277 |
| Old Age Support (Rs. 20000 for Mitanins who completed 60 years of age and not enrolled in Swavalamban pension fund) | 82 |
| Medical Support | 730 |
| Kanya vivah support | 139 |
| Support to Mitanin on Husband’s Death | 417 |
| Support to family on Mitanin’s Death | 135 |
